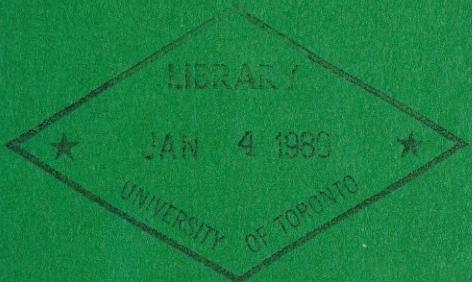


25
Ministry
of the
Environment

Hon. Harry C. Parrott, D.D.S., Minister
Graham W.S. Scott, Deputy Minister

+ 1 map



**Streamflow Data
for
Pollution from Land Use
Activities Reference
Group Program
1975 – 1977**



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**WATER RESOURCES
BULLETIN 3 - 101
Surface water series**

**Streamflow Data
for
Pollution from Land Use
Activities Reference
Group Program
1975 - 1977**

MINISTRY OF THE ENVIRONMENT

Water Resources Branch

TORONTO

ONTARIO

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INTRODUCTION

As a result of the Great Lakes Water Quality Agreement of April 15, 1972, the International Joint Commission (IJC) established the Pollution From Land Use Activities Reference Group (PLUARG). The Water Resources Branch of the Ministry of the Environment herein presents the results of streamflow measurements that were made in support of this Agreement, during the period 1975 to 1977.

Two pilot watersheds, the Grand River and Saugeen River basins, were chosen for intensive studies in Canada, to cover a wide variety of potential sources of pollution to the Great Lakes. The selection criteria for the pilot watersheds included climate, geology, soil characteristics, land uses and other information already available from completed or ongoing studies. Land uses and practices not adequately represented in the pilot watersheds were incorporated into the study by including additional subwatersheds in different parts of the Great Lakes basin. (Figure 1 in rear pocket)

Continuous recording streamflow gauges were installed at each site included in this publication. Staff of the Hydrology and Monitoring Section of the Water Resources Branch were responsible for instrumentation, collection and computation of these streamflow data.

Enquiries concerning the details of individual stations and related records should be made to:

Supervisor, Hydrology & Monitoring Section
Water Resources Branch
Ministry of the Environment
135 St. Clair Avenue West
Toronto, Ontario
M4V 1P5

DEFINITION OF TERMS AND ABBREVIATIONS

Terms

"Acre-foot" is the volume of water required to cover an acre of one acre to a depth of one foot. It is equal to 43,560 cubic feet.

"Control" is the condition or structure downstream from a gauging station that determines the stage-discharge relationship. In the absence of an artificial structure, a control is generally produced by the natural streambed.

"Cubic foot per second" is a unit expressing the rate of discharge. One cfs is equal to one cubic foot of water flowing past a particular point in one second. This is the basic unit of flow in general use, all other units being computed from it by using factors given under the "Equivalents of Measurement".

"Stage-discharge relationship" is the relation at a gauging station on a stream between the water level and the discharge at that gauging station.

Abbreviations

AC-FT	acre-foot
CFS	cubic foot per second
CONC	concession
HWY	highway
TWP	township

Equivalents of measurement

- 1 cubic foot per second = 0.28317 cubic metre per second
- 1 cubic foot = 6.2321 Imperial gallons
- 1 cubic foot per second for one day = 1.9835 acre-feet
- 1 statute mile = 1.6093 kilometres
- 1 square mile = 2.590 square kilometres
- 1 acre = 0.40469 hectares
- 1 acre-foot = 1.233.5 cubic metres

SAUOGEN RIVER AT DURHAM - STATION NO. 02FC101

1

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01					626.0	71.2	32.5	35.6	81.1	50.6	47.7	293.0	01
02					580.0	60.4	31.7	34.3	66.2	50.3	64.8	279.0	02
03					477.0	61.9	31.0	41.6	57.3	48.3	72.4	158.0	03
04					413.0	61.5 E	32.3	57.6	48.2	45.3	78.6	103.0	04
05					402.0	63.6 E	31.5	44.7	42.8	41.9	76.1	110.0	05
06					452.0	69.3 E	31.5	38.1	40.8	38.8	68.3	266.0	06
07					518.0	69.4 E	32.9	34.3	37.9	37.2	66.4	370.0	07
08					438.0	69.0 E	59.1	32.1	36.9	35.3	68.1	310.0	08
09					314.0	63.8 E	43.9	30.8	35.0	34.9	75.3	211.0	09
10				177.0	240.0	56.9	46.9	29.4	33.2	34.9	137.0	162.0	10
11			171.0	203.0	53.4	59.2	73.6	36.3	35.3	110.0	130.0	11	
12		167.0	153.0	57.0	49.3	62.9	62.4	37.4	110.0	118.0	12		
13		163.0	190.0	67.9	41.7	48.3	105.0 E	42.9	89.6	100.0	13		
14		161.0	133.0	69.7	46.0	43.3	132.0	61.2	77.6	188.0	14		
15		173.0	146.0	64.7	42.0	38.2	102.0	61.8	71.4	950.0	15		
16			203.0	137.0	63.0	38.2	34.5	73.8	57.5	68.4	118.0	16	
17		257.0	151.0	62.5	35.4	31.5	62.0	51.9	69.0	676.0	17		
18		466.0	106.0	63.0	32.9	28.9	57.9	46.7	69.7	326.0	18		
19		2210.0	110.0	75.4	112.0	28.3	99.1	44.8	67.5	197.0	19		
20		2620.0	104.0	91.7	125.0	27.2	140.0	48.0	61.9	160.0	20		
21			2460.0	98.3	87.1	105.0	28.5	150.0	68.3	69.0	139.0	21	
22		2040.0	95.9	71.9	94.2	31.7	152.0	66.5	78.9	126.0	22		
23		1930.0	91.4	60.8	82.3	29.4	130.0	58.0	83.9	117.0	23		
24		2120.0	87.7	56.8	74.8	55.8	111.0	51.4	79.3	113.0	24		
25		2120.0	82.9	52.8	67.4	56.7	84.4	48.8	74.7	110.0	25		
26		1660.0	84.1	46.9	57.0	53.4	61.6	51.2	71.3	109.0	26		
27		1130.0	81.3	26.4	52.4	45.5	63.6	50.8	72.5	108.0	27		
28		885.0	73.1	35.2	51.8	39.3	61.7	49.8	72.9	107.0	28		
29		735.0	68.7	37.5	44.1	51.5	56.9	45.1	72.5	110.0	29		
30		655.0	64.9	34.6	39.9	101.0	53.0	40.8	122.0	113.0	30		
31				68.9		37.0	92.0		40.7		121.0	31	
TOTAL			22503.0	6776.2	1831.3	1660.9	1380.0	2274.1	1476.4	2346.8	7560.0	TOTAL	
MEAN			1071.57	218.58	61.04	53.57	44.51	75.8	47.62	78.22	243.87	MEAN	
AC-FT			44634.7	13440.59	3632.38	3294.39	2737.23	4510.67	2928.43	4654.87	14995.26	AC-FT	
MAX			2620.0	626.0	91.7	125.0	101.0	152.0	68.3	137.0	118.0	MAX	
MIN			161.0	64.9	26.4	31.0	27.2	33.2	34.9	47.7	100.0	MIN	

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 2620.0 CFS
 MINIMUM DAILY DISCHARGE, 26.4 CFS

LOCATION: AT THE BRIDGE ON HWY. 6 IN THE TOWN OF DURHAM.

B - ICE CORRECTIONS
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 142 SQUARE MILES.

NATURAL FLOW
 REMARKS: NATURAL STREAMBED CONTROL.

SAUOGEN RIVER AT DURHAM - STATION NO. 02FC101

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	135.0 B	113.0 B	422.0 B	932.0	211.0	90.5	260.0	50.3					01
02	116.0 B	111.0 B	360.0	851.0	195.0	95.0	279.0	50.1					02
03	133.0 B	109.0 B	357.0	630.0	204.0	84.0	259.0	51.8					03
04	109.0 B	107.0 B	326.0	464.0	212.0	70.6	238.0	50.2					04
05	106.0 B	106.0 B	413.0 B	368.0	180.0	63.0	189.0	47.4					05
06	101.0 B	104.0 B	439.0 B	315.0	204.0	59.3	135.0	44.1					06
07	96.0 B	103.0 B	384.0 B	283.0	258.0	55.4	96.8	39.8					07
08	93.0 B	102.0 B	356.0 B	257.0	308.0	51.0	80.2	38.6					08
09	91.0 B	101.0 B	338.0 B	233.0	268.0	45.1	68.4	40.4					09
10	89.2 B	101.0 B	326.0 B	213.0	202.0	43.6	62.9	38.4					10
11	88.2 B	107.0 B	311.0 B	214.0	174.0	41.4	85.6	35.9					11
12	87.3 B	113.0 B	342.0	207.0	160.0	40.5	99.5	40.9					12
13	86.3 B	120.0 B	368.0 B	189.0	156.0	40.1	97.7	43.9					13
14	85.8 B	126.0 B	323.0 B	174.0	134.0	40.2	79.8	42.4					14
15	85.4 B	132.0 B	300.0 B	187.0	120.0	39.0	67.3	48.0					15
16	85.4 B	132.0 B	287.0 B	261.0	117.0	53.0	59.7	48.9					16
17	85.4 B	215.0 B	271.0 B	365.0	145.0	47.3	54.3	51.7					17
18	85.4 B	251.0 B	261.0 B	303.0	223.0	42.2	48.3	50.6					18
19	84.4 B	300.0 B	276.0	229.0	207.0	46.1	45.3	43.9					19
20	84.4 B	312.0 B	557.0	183.0	169.0	52.7	42.8	39.1					20
21	84.4 B	314.0 B	1860.0	156.0	142.0	46.2	39.9	36.2					21
22	84.4 B	293.0 B	218.0	151.0	123.0	43.6	39.3	34.2					22
23	83.4 B	288.0 B	171.0	151.0	113.0	43.4	39.0	32.8					23
24	83.4 B	283.0 B	1370.0	145.0	102.0	57.5	38.2	29.9					24
25	83.2 B	278.0 B	1940.0	206.0	94.4	54.2	35.6						25
26	95.9 B	314.0 B	2220.0	282.0	90.7	55.1	35.0						26
27	114.0 B	352.0 B	1910.0	292.0	91.3	75.1	34.3						27
28	121.0 B	379.0 B	1770.0	290.0	88.5	66.2	33.8						28
29	122.0 B	406.0 B	1290.0	317.0	74.5	89.1	39.7						29
30	120.0 B		867.0	267.0	71.5	125.0	51.9						30
31	115.0 B		799.0		76.4		53.2						31
TOTAL	3038.9	5832.0	24933.0	9115.0	4912.3	1755.4	2788.5	1029.5					TOTAL
MEAN	98.02	201.1	804.29	303.83	158.46	58.51	89.95	42.89					MEAN
AC-FT	6021.65	11567.77	49456.6	18079.6	9743.54	3481.83	5530.98	2042.01					AC-FT
MAX	135.0	406.0	2220.0	932.0	308.0	125.0	279.0	51.8					MAX
MIN	83.4	101.0	261.0	145.0	71.5	39.0	33.8	29.9					MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 2220.0 CFS
 MINIMUM DAILY DISCHARGE, 29.9 CFS

LOCATION: AT THE BRIDGE ON HWY. 6 IN THE TOWN OF DURHAM.

B - ICE CORRECTIONS
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 142 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

SAUGEEN RIVER AT DURHAM - STATION NO. 02FC101

2

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	214.0	214.0	276.0	916.0	84.0								01
02	217.0	213.0	275.0	601.0	91.3								02
03	217.0	213.0	289.0	468.0	89.3								03
04	217.0	212.0	308.0	417.0	85.6								04
05	217.0	212.0	360.0	465.0	115.0								05
													06
06	216.0	212.0	355.0	543.0	78.3								06
07	216.0	213.0	326.0	429.0	76.9								07
08	216.0	213.0	324.0	316.0	73.7								08
09	217.0	214.0	351.0	266.0	71.9								09
10	219.0	237.0	393.0	269.0	70.2								10
													11
11	221.0	260.0	480.0	276.0	43.4								11
12	221.0	257.0	642.0	276.0	58.5								12
13	220.0	249.0	1640.0	270.0	59.2								13
14	220.0	224.0	2560.0	255.0	57.9								14
15	219.0	214.0	2440.0	223.0	56.6								15
													16
16	219.0	191.0	1010.0	188.0	55.3								16
17	219.0	200.0	1330.0	159.0	54.0								17
18	219.0	204.0	907.0	142.0	52.7								18
19	219.0	195.0	557.0	132.0	42.8								19
20	219.0	181.0	488.0	129.0	46.7								20
													21
21	219.0	172.0	380.0	126.0	45.5								21
22	219.0	198.0	324.0	106.0	45.1								22
23	219.0	179.0	263.0	149.0	43.0								23
24	219.0	206.0	258.0	141.0	40.6								24
25	219.0	250.0	232.0	129.0	38.8								25
													26
26	220.0	227.0	220.0	113.0	36.4								26
27	219.0	281.0	230.0	113.0	35.4								27
28	255.0	291.0	363.0	100.0	35.1								28
29	245.0		865.0	94.0	34.0								29
30	216.0		1220.0	87.4	33.1								30
													31
31	215.0		1190.0										
TOTAL	6827.0	6132.0	20853.0	7898.4	1750.9								TOTAL
MEAN	220.22	219.0	672.67	263.28	58.36								MEAN
AC-FT	15541.45	12162.82	41361.92	15666.47	3472.91								AC-FT
MAX	255.0	291.0	2560.0	916.0	115.0								MAX
MIN	214.0	172.0	220.0	87.4	33.1								MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE,

CFS

TOTAL DISCHARGE,

AC-FT

MAXIMUM DAILY DISCHARGE, 2560.0 CFS

MINIMUM DAILY DISCHARGE, 33.1 CFS

LOCATION: AT THE BRIDGE ON HWY. 6 IN THE TOWN OF DURHAM.

B - ICE CORRECTIONS
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 142 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

CAMP CREEK AT ALLEN PARK - STATION NO. 02FC102

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				80.9	42.5	24.6	20.8	32.1	24.4	24.8	58.3	01	
02				76.6	39.1	24.9	22.5	30.0	26.5	33.5	35.3	02	
03				66.5	36.6	25.8	28.1	25.9	24.3	29.2	27.9	B 03	
04				77.8	36.1	25.4	45.0	24.3	23.2	29.0	26.6	B 04	
05				88.7	40.0	24.3	30.2	22.8	22.6	25.3	28.6	B 05	
				103.0	48.1	23.8	26.5	23.9	22.0	23.1	113.0	06	
06				107.0	42.9	23.7	24.7	23.1	21.2	25.2	59.1	B 07	
07				71.7	40.0	25.2	22.9	23.7	21.0	29.7	33.2	B 08	
08				47.8	59.4	36.1	23.2	22.1	21.7	20.8	28.1	27.2	09
09				44.9	55.4	33.4	25.2	22.6	20.8	21.0	34.3	27.1	10
10				44.2	54.2	31.9	36.2	22.4	21.2	21.3	37.3	26.7	11
11				44.3	55.1	37.2	28.3	39.7	54.1	22.6	28.6	24.4	B 12
12				44.7	58.0	40.1	26.4	27.7	48.3	29.5	26.1	25.0	B 13
13				47.0	56.3	37.0	31.9	25.9	52.9	34.3	25.6	57.3	14
14				59.1	56.4	34.6	32.1	22.7	37.2	28.2	291.0	15	
15				88.4	54.8	35.0	26.8	21.3	29.1	25.1	122.0	16	
16				135.0	48.6	32.5	25.9	19.9	25.7	23.4	45.2	B 17	
17				284.0	48.0	34.6	24.9	21.1	26.5	22.7	35.6	B 18	
18				1000.0	51.1	40.9	67.6	21.3	49.6	22.5	22.9	37.8	B 19
19				411.0 A	46.8	65.1	19.5	57.2	23.8	22.7	22.6	37.1	B 20
20				210.0 A	43.7	36.7	40.5	22.7	55.3	25.9	26.5	36.3	B 21
21				171.0	42.4	34.7	30.2	26.8	51.0	23.9	28.2	36.3	B 22
22				163.0	47.0	36.8	27.4	22.6	39.9	22.4	26.0	35.5	B 23
23				219.0	66.8	35.7	31.9	77.7	31.2	21.6	24.8	34.7	B 24
24				191.0	47.3	35.7	32.2	63.1	28.1	22.7	23.5	34.0	B 25
25				138.0	46.5	32.3	26.5	44.1	29.5	25.0	22.9	34.0	B 26
26				112.0	42.3	32.5	25.1	32.1	28.6	22.5	33.2	32.5	B 27
27				97.8	41.7	32.9	25.0	25.8	26.4	21.9	25.2	32.5	B 28
28				88.5	40.4	26.3	23.6	34.1	24.1	21.1	25.3	31.9	B 29
29				82.3	39.6	26.2	24.4	59.5	24.4	20.3	42.1	39.0	30
30				41.8		21.6	38.3		19.7		43.3	31	
TOTAL				3723.0	1815.4	1090.3	919.7	990.0	989.8	727.3	810.7	1533.1	TOTAL
MEAN				169.22	58.56	36.34	29.66	31.93	32.99	23.46	27.02	49.45	MEAN
AC-FT				7384.57	3600.84	2162.61	1824.22	1963.66	1963.26	1442.59	1608.02	3040.9	AC-FT
MAX				1000.0	107.0	48.1	67.6	77.7	57.2	34.3	42.1	291.0	MAX
MIN				44.2	39.6	26.2	21.6	19.5	20.8	19.7	22.6	24.4	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE,

CFS

TOTAL DISCHARGE,

AC-FT

MAXIMUM DAILY DISCHARGE, 1000.0 CFS

MINIMUM DAILY DISCHARGE, 19.5 CFS

LOCATION: AT THE FIRST BRIDGE SOUTH OF THE COMMUNITY OF,

B - ICE CORRECTIONS
E - ESTIMATED

ALLEN PARK, CONC 1 LOT 41, TWP OF BENTINCK.

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 41 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

CAMP CREEK AT ALLEN PARK - STATION NO. 02FC102

3

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	39.0 B	42.8 B	69.6	212.0	36.0	29.7	118.0	23.3					01
02	39.0 B	39.1 B	40.9 B	194.0	43.2	24.8	54.6	19.2					02
03	38.0 B	40.3 B	36.9 B	116.0	49.3	22.1	54.1	16.6					03
04	38.0 B	38.4 B	49.0	86.7	43.9	20.7	46.2	15.8					04
05	38.0 B	38.6 B	164.0 B	73.5	36.4	19.9	29.8	15.8					05
06	37.0 B	39.1 B	210.0 B	66.6	48.1	19.6	23.1	16.6					06
07	37.0 B	38.3 B	111.0 B	60.8	41.4	18.9	20.8	15.7					07
08	37.0 B	40.0 B	64.9 B	56.5	57.2	18.0	20.7	15.3					08
09	37.0 B	41.8 B	58.0 B	52.2	40.2	17.6	19.8	17.5					09
10	36.0 B	41.3 B	52.9 B	51.4	35.3	17.1	23.2	16.1					10
11	36.0 B	40.0 B	47.2	56.8	35.9	16.6	31.7	15.2					11
12	36.0 B	40.6 B	42.7 B	50.2	35.3	16.1	25.8	17.0					12
13	36.0 B	37.0 B	121.0	47.2	31.8	15.9	22.8	20.7					13
14	35.0 B	36.1	91.7 B	45.2	30.3	15.3	21.5	19.0					14
15	35.0 B	37.8	67.2 B	49.5	29.6	15.0	20.9	26.1					15
16	35.0 B	78.8	44.5 B	53.2	34.9	20.9	21.2	20.6					16
17	35.0 B	64.5	37.8 B	44.2	50.9	17.8	20.2	16.7					17
18	34.0 B	57.3	44.5 B	37.2	47.2	16.6	19.4	15.0					18
19	34.0 B	81.7	68.4	33.6	37.4	20.2	19.1	14.6					19
20	34.0 B	62.5 B	266.0 B	31.4	32.0	22.9	19.1	13.1					20
21	34.0 B	44.5 B	550.0 B	30.5	29.0	18.4	26.8	12.7					21
22	34.0 B	41.8 B	222.0 B	34.5	27.7	17.1	21.5	12.5					22
23	34.0 B	40.1 B	130.0 B	35.8	26.5	16.3	19.2	12.2					23
24	33.0 B	38.6 B	149.0 B	32.6	25.8	39.0	18.8	12.1					24
25	39.4	38.2	293.0	83.0	25.3	28.4	17.6	11.1					25
26	54.2	51.6	226.0	103.0	25.4	28.1	16.9						26
27	60.8	70.1	211.0	62.0	25.8	67.0	16.9						27
28	43.6 B	62.5	247.0	53.6	23.9	37.6	16.4						28
29	38.0 B	61.1	161.0	43.8	22.1	165.0	34.5						29
30	35.0 B		117.0	36.8	23.0	93.5	43.1						30
31	34.0 B		155.0		27.0		25.3						31
TOTAL	1166.0	1384.5	4149.2	1933.8	1143.0	896.7	889.0	410.5				840.8	TOTAL
MEAN	37.61	47.74	133.84	64.46	36.87	29.89	28.67	16.42				28.99	MEAN
AC-FT	2312.76	2746.15	8229.93	3835.69	2267.14	1778.6	1763.33	814.22				1667.72	AC-FT
MAX	60.8	81.7	550.0	212.0	81.4	165.0	118.0	26.1				35.3	MAX
MIN	33.0	36.1	36.9	30.5	22.1	15.0	16.4	11.1				19.9	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 550.0 CFS
 MINIMUM DAILY DISCHARGE, 11.1 CFS

LOCATION: AT THE FIRST BRIDGE SOUTH OF THE COMMUNITY OF,

B - ICE CONDITIONS

ALLEN PARK, CONC 1 LOT 41, TWP OF BENTICK.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 41 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

CAMP CREEK AT ALLEN PARK - STATION NO. 02FC102

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	37.5	57.2	64.2	87.3	24.2								01
02	36.8	97.0	58.6	60.0	25.7								02
03	35.8	97.6	61.5	60.2	24.4								03
04	36.5	101.0	58.6	52.4	23.2								04
05	34.5	83.1	95.7	87.1	23.3								05
06	30.1	82.8	75.5	73.3	23.3								06
07	38.8	84.2	55.6	52.2	21.9								07
08	36.4	74.7	45.5	45.5	21.7								08
09	34.2	71.0	52.2	42.0	21.5								09
10	42.0	71.2	103.0	44.5	20.8								10
11	46.5	72.4	126.0	44.9	21.1								11
12	48.7	77.4	222.0	43.0	20.5								12
13	45.6	95.0	663.0	39.7	20.8								13
14	44.1	90.7	413.0	37.8	20.3								14
15	43.7	72.2	217.0	34.5	20.3								15
16	38.5	67.4	197.0	32.6	19.1								16
17	52.8	68.6	115.0	31.3	18.7								17
18	52.8	66.3	73.8	31.2	19.2								18
19	48.7	58.5	66.4	30.9	20.1								19
20	45.2	53.5	57.9	32.5	18.8								20
21	41.1	40.6	49.6	32.6	17.7								21
22	35.5	64.2	47.4	36.5	16.8								22
23	39.1	51.7	46.4	35.9	16.9								23
24	36.2	58.4	48.3	32.7	17.1								24
25	34.6	95.8	54.6	30.6	16.7								25
26	35.5	80.7	53.1	29.3	16.1								26
27	40.1	80.7	46.3	27.9	15.3								27
28	54.2	97.4	80.7	27.3	15.2								28
29	56.8		180.0	25.8	15.9								29
30	60.9		157.0	24.9	15.2								30
31	81.4		120.0										31
TOTAL	1344.6	2151.3	3704.9	1266.4	591.8								TOTAL
MEAN	43.37	76.83	119.51	42.21	19.72								MEAN
AC-FT	2667.01	4267.1	7348.66	2511.9	1173.83								AC-FT
MAX	81.4	101.0	663.0	87.3	25.7								MAX
MIN	30.1	40.6	45.5	24.9	15.2								MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 663.0 CFS
 MINIMUM DAILY DISCHARGE, 15.2 CFS

LOCATION: AT THE FIRST BRIDGE SOUTH OF THE COMMUNITY OF,
 ALLEN PARK, CONC 1 LOT 41, TWP OF BENTICK.

B - ICE CORRECTIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 41 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

LITTLE MILL CREEK NEAR NORTH BRUCE - STATION NO. 02FC103

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01								0.0	7.6	4.1	2.7	72.1	01	
02								0.0	7.1	4.3	4.7	26.1	02	
03								0.0	6.5	4.5	5.6	17.7	03	
04								0.0	5.1	4.3	5.3	17.9	04	
05								0.0	3.9	3.8	5.0	58.5	05	
06								0.0	3.1	3.4	4.6	254.0	06	
07								0.0	2.5	2.8	4.6	20.3	B 07	
08								0.0	2.3	2.5	8.2	16.3	B 08	
09								0.0	1.9	2.3	8.6	13.3	09	
10								0.0	1.7	2.2	47.5	11.1	10	
11								0.0	1.6	2.2	37.5	9.9	11	
12								0.0	2.5	2.2	14.4	8.7	12	
13								0.0	4.5	3.4	10.7	9.9	13	
14								0.0	10.5	7.3	10.6	203.0	14	
15								0.0	13.1	7.4	8.8	405.0	15	
16								0.0	0.0	8.1	6.5	57.2	16	
17								0.0	0.0	5.7	5.7	19.5	B 17	
18								0.0	0.0	4.9	4.5	6.2	12.6	B 18
19								0.0	0.0	32.3	3.8	5.6	9.4	B 19
20								0.0	0.0	27.9	3.4	5.1	8.5	B 20
21								0.0	0.0	24.5	3.1	8.8	8.3	B 21
22								0.0	0.0	30.3	2.8	20.0	7.8	B 22
23								0.0	0.0	26.0	2.6	14.2	7.6	B 23
24								0.0	18.7	13.8	2.4	10.3	7.2	B 24
25								0.0	37.0	8.6	2.6	9.4	7.0	25
26								0.0	29.0	6.8	2.8	9.6	6.4	26
27								0.0	10.6	6.6	2.7	11.7	6.1	27
28								0.0	6.2	6.5	2.7	23.1	5.6	28
29								0.0	5.0	5.5	2.6	34.3	5.3	29
30								0.0	12.7	4.5	2.3	211.0	7.0	30
31								0.0	11.2		2.2		29.0	31
TOTAL								0.0	130.4	285.9	109.4	562.6	1348.3	TOTAL
MEAN								0.0	4.2	9.53	3.52	18.75	43.49	MEAN
AC-FT								0.0	258.64	567.08	216.99	1115.91	2674.35	AC-FT
MAX								0.0	37.0	32.3	7.4	211.0	405.0	MAX
MIN								0.0	0.0	1.6	2.2	2.7	5.3	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 405.0 CFS
 TOTAL DISCHARGE, 2674.35 AC-FT
 MAXIMUM DAILY DISCHARGE, 405.0 CFS
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: ABOUT 2 MILES SOUTHEAST OF THE COMMUNITY
 OF NORTH BRUCE, CONC 12 LOT 10, TWP OF BRUCE.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 17 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS

E - ESTIMATED

NATURAL FLOW

LITTLE MILL CREEK NEAR NORTH BRUCE - STATION NO. 02FC103

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	39.0 B	18.0 B	300.0 B	52.7	0.0	0.0	202.0	0.0	0.0	0.0	2.5 B	10.8 B	01
02	31.0 B	14.0 B	230.0 B	24.3	0.0	0.0	59.0	0.0	0.0	0.0	2.0 B	9.6 B	02
03	10.2 B	12.0 B	200.0 B	12.5	2.7	0.0	30.6	0.0	0.0	0.0	1.8 B	8.0 B	03
04	8.0 B	10.0 B	230.0 B	7.8	5.2	0.0	19.0	0.0	0.0	0.0	1.7 B	7.0 B	04
05	7.2 B	8.8 B	563.0	4.6	2.4	0.0	8.2	0.0	0.0	0.0	1.6 B	6.4 B	05
06	6.0 B	7.6 B	600.0	3.3	15.0	0.0	4.1	0.0	0.0	0.16	1.8 B	6.0 B	06
07	6.2 B	6.8 B	400.0	2.5	18.3	0.0	2.5	0.0	0.0	2.1	3.5 B	22.0 B	07
08	5.8 B	6.2 B	276.0	1.8	0.4	0.0	1.4	0.0	0.0	2.6	1.6 B	15.0 B	08
09	5.6 B	5.9 B	178.0	1.4	2.9	0.0	0.75	0.0	0.0	1.9	1.5 B	9.6 B	09
10	5.4 B	5.6 B	118.0	1.1	1.5	0.0	0.6	0.0	0.0	0.94	1.4 B	8.5 B	10
11	5.2 B	5.4 B	81.8	1.4	1.4	0.0	0.55	0.0	0.0	0.45	1.8 B	7.7 B	11
12	5.0 B	5.3 B	71.5	1.2	1.8	0.0	0.17	0.0	0.0	0.12	2.7 B	7.0 B	12
13	4.9 B	20.0 B	430.0	0.81	1.1	0.0	0.0	0.0	0.0	0.01	3.7 B	6.8 B	13
14	4.7 B	32.0 B	335.0 B	0.62	0.56	0.0	0.0	0.0	0.0	0.01	6.0 B	6.2 B	14
15	4.6 B	37.0 B	190.0 B	0.49	0.35	0.0	0.0	0.0	0.0	0.31	12.2 B	5.9 B	15
16	4.5 B	147.0 B	85.0 B	0.45	0.22	0.0	E	0.0	0.0	0.42	16.0 B	5.6 B	16
17	4.4 B	92.0 B	48.5 B	0.26	0.09	0.4	0.0	0.0	0.0	0.19	12.2 B	5.4 B	17
18	4.3 B	59.0 B	37.0 B	0.0	0.0	0.0	0.0	0.0	0.0	0.02	96.3	5.2 B	18
19	4.3 B	110.0 B	224.0	0.0	1.0	42.0	E	0.0	0.0	0.05	133.0	5.0 B	19
20	4.2 B	33.0 B	790.0	0.0	0.73	0.32	E	0.0	0.0	0.18	74.7	17.0 B	20
21	4.2 B	23.0 B	460.0	0.0	0.22	0.0	E	0.0	0.0	0.4	29.0 B	13.0 B	21
22	4.1 B	20.0 B	375.8	0.0	0.0	0.0	0.0	0.0	0.0	4.0	13.7 B	10.5 B	22
23	4.1 B	16.5 B	61.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	10.1	9.0 B	23
24	4.0 B	10.5 B	121.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	7.3	7.1 B	24
25	27.0 B	9.0 B	106.0	0.07	0.0	0.0	0.0	0.0	0.0	0.12	4.5	5.8 B	25
26	50.0 B	74.0 B	43.0	2.1	0.0	0.0	0.0	0.0	0.0	3.8	275.0 B	7.2 B	26
27	60.0 B	133.0 B	72.2	1.1	0.0	0.0	0.0	0.0	0.0	2.7	385.0	6.8 B	27
28	45.0 B	145.0 B	148.0	0.36	0.0	0.0	0.0	0.0	0.0	2.2	109.0 B	6.4 B	28
29	35.0 B	218.0 B	65.0	0.0	0.0	1.2	0.0	0.0	0.0	1.9	28.8 B	6.1 B	29
30	27.0 B	29.5	0.0	0.0	0.0	94.3	0.0	0.0	0.0	1.6	15.6 B	5.8 B	30
31	21.0 B		19.7	0.0	0.0	0.0	0.0	0.0	0.0	1.4		5.7 B	31
TOTAL	452.5	1284.6	6550.7	121.86	126.59	145.22	328.87	0.0	2.72	49.36	1256.0	261.6	TOTAL
MEAN	14.59	44.29	211.31	4.06	4.08	4.84	10.6	0.0	0.09	1.59	41.86	8.43	MEAN
AC-FT	897.53	2548.0	12993.31	241.7	251.09	288.04	652.31	0.0	5.39	97.9	2491.27	518.88	AC-FT
MAX	60.0	218.0	790.0	53.7	75.0	94.3	202.0	0.0	1.5	10.1	385.0	22.0	MAX
MIN	4.0	5.3	19.7	0.0	0.0	0.0	0.0	0.0	0.0	1.4	5.0	MIN	

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 28.9 CFS
 TOTAL DISCHARGE, 21000 AC-FT
 MAXIMUM DAILY DISCHARGE, 790.0 CFS
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: ABOUT 2 MILES SOUTHEAST OF THE COMMUNITY
 OF NORTH BRUCE, CONC 12 LOT 10, TWP OF BRUCE.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 17 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS

E - ESTIMATED

NATURAL FLOW

LITTLE MILL CREEK NEAR NORTH BRUCE - STATION NO. 02FC103
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

5

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.4 B	1.6 B	1.0 B	22.2	0.0								01
02	5.0 B	1.6 B	1.0 B	63.0	0.57								02
03	4.8 B	1.6 B	1.0 B	125.0	0.76								03
04	4.5 B	1.6 B	1.0 B	48.7	0.06								04
05	4.2 B	1.5 B	1.0 B	241.0	0.0								05
06	4.0 B	1.5 B	0.958	37.4	0.52								06
07	3.9 B	1.5 B	0.958	25.5	0.21								07
08	3.7 B	1.5 B	0.958	21.2	0.0								08
09	3.5 B	1.3 B	0.958	15.7	0.0								09
10	3.4 B	1.3 B	123.0 B	15.4	0.0								10
11	3.2 B	1.3 B	195.0 B	17.0	0.0								11
12	3.1 B	1.3 B	322.0 B	15.3	0.0								12
13	3.0 B	1.3 B	740.0 B	10.9	0.0								13
14	2.8 B	1.3 B	513.0 B	8.8	0.0								14
15	2.7 B	1.3 B	468.0 B	6.1	0.0								15
16	2.6 B	1.3 B	333.0 B	4.8	0.0								16
17	2.5 B	1.1 B	66.5 B	4.0	0.0								17
18	2.4 B	1.1 B	41.5 B	3.4	0.0								18
19	2.3 B	1.1 B	25.5 B	3.2	0.0								19
20	2.2 B	1.1 B	20.3 B	3.1	0.0								20
21	2.1 B	1.1 B	14.4 B	3.2	0.0								21
22	2.0 B	1.1 B	8.4 B	3.5	0.0								22
23	2.0 B	1.1 B	6.0 B	3.7	0.0								23
24	2.0 B	1.1 B	4.1 B	3.9	0.0								24
25	2.0 B	1.1 B	3.2 B	3.4	0.0								25
26	1.9 B	1.1 B	4.3 B	2.4	0.0								26
27	1.9 B	1.1 B	41.1	1.6	0.0								27
28	1.8 B	1.1 B	205.0	1.1	0.0								28
29	1.8 B		318.0	0.63	0.0								29
30	1.7 B		115.0	0.24	0.0								30
31	1.7 B		53.3										31
TOTAL	90.1	36.0	3629.4	715.37	2.42								TOTAL
MEAN	2.9	1.28	117.07	23.84	0.06								MEAN
AC-FT	178.71	71.4	7198.91	1418.93	4.8								AC-FT
MAX	5.4	1.6	740.0	241.0	0.87								MAX
MIN	1.7	1.1	0.95	0.24	0.0								MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 740.0 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: ABOUT 2 MILES SOUTHEAST OF THE COMMUNITY
OF NORTH BRUCE, CONC 12 LOT 10, TWP OF BRUCE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 17 SQUARE MILES.

B - ICE CORRECTIONS
E - ESTIMATED
NATURAL FLOW

MAITLAND RIVER TRIBUTARY NEAR FORDWICH - STATION NO. 02FE102

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01								9.4	21.4	17.7	21.3	38.7	01	
02								9.6	17.4	17.5	25.7	24.3	02	
03								12.5	13.8	16.5	25.6	21.5	03	
04								15.2	12.1	16.3	29.7	23.4	04	
05								12.7	11.2	16.7	23.3	21.1	05	
06								11.9	12.2	16.3	20.4	117.0	06	
07								11.4	12.2	15.8	20.9	57.8 B	07	
08								11.6	12.5	15.6	23.8	25.9	08	
09								11.5	11.7	15.9	21.4	21.4	09	
10								11.7	10.9	16.0	32.4	21.0	10	
11								32.3	14.6	16.8	35.1	20.1	11	
12								18.4	47.3	17.2	23.8	18.9	12	
13								15.6	34.3	66.9	21.2	19.1	13	
14								13.6	42.6	72.6	19.8	51.9	14	
15								11.3	25.7	33.2	18.6	213.0	15	
16								10.2	19.7	24.3	18.1	95.5	16	
17								9.5	17.2	22.3 A	17.5	44.5	17	
18								8.7	18.3	22.0 E	17.0	32.0 B	18	
19								8.1	47.3	26.5 E	16.6	31.0 B	19	
20								7.5	48.4	25.5 A	16.4	30.0 B	20	
21								7.6	44.6	23.4	18.8	29.0 B	21	
22								7.3	41.0	21.0	19.3	28.0 B	22	
23								12.9	6.3	29.9	19.4	17.9	27.0 B	23
24								12.9	172.0	22.8	18.6	17.4	26.5 B	24
25								11.9	110.0	19.7	19.8	16.6	26.0 B	25
26								10.8	25.2	19.7	20.7	16.0	25.5 B	26
27								10.7	15.6	20.3	18.9	16.3	25.0 B	27
28								10.6	11.3	18.6	18.1	17.0	24.5 B	28
29								9.5	20.0	17.8	17.4	17.6	24.0 B	29
30								9.3	122.0	17.4	16.6	28.6	26.4	30
31								9.2	37.0	16.1		32.4	31	
TOTAL								97.8	787.0	702.6	701.6	634.1	1222.4	TOTAL
MEAN								10.86	25.38	23.42	22.63	21.13	39.43	MEAN
AC-FT								193.98	1561.01	1393.6	1391.62	1257.73	2424.63	AC-FT
MAX								12.9	172.0	48.4	72.6	35.1	213.0	MAX
MIN								9.2	6.3	10.9	15.6	16.0	18.9	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 213.0 CFS
MINIMUM DAILY DISCHARGE, 6.3 CFS

LOCATION: AT THE BRIDGE ON HURON COUNTY ROAD 30,
1.5 MILES NORTH OF THE VILLAGE OF FORDWICH.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 21.6 SQUARE MILES.

B - ICE CORRECTIONS
E - ESTIMATED
NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

MAITLAND RIVER TRIBUTARY NEAR FORDWICH - STATION NO. 02FE102

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	28.9 B	38.0 B	97.0 B	148.0	59.8	25.6	67.4	15.5	11.9	10.6	12.7	24.0 B	01
02	26.3 B	36.0 B	54.7 B	140.0	49.0	20.3	36.3	13.1	11.5	10.1	12.1	22.0 B	02
03	24.3 B	35.0 B	50.0 B	98.5	54.5	16.9	30.3	12.3	9.9	9.7	12.0	20.0 B	03
04	22.3 B	34.0 B	60.7 B	79.7	45.8	16.6	29.0 E	11.8	9.7	9.2	11.7	18.0 B	04
05	20.3 B	33.0 B	155.0 B	65.4	37.5	15.0	22.0 E	11.7	9.2	9.4	11.6	17.0 B	05
06	19.0 B	32.0 B	200.0 B	58.7	58.1	15.2	28.0 E	11.9	9.0	14.1	11.3	16.3 B	06
07	17.3 B	31.0 B	107.0 B	53.0	120.0	14.2	23.0 E	11.1	9.0	22.5	11.1	15.0 B	07
08	17.2 B	33.0 B	68.3 B	48.3	70.3	13.2	21.5 E	11.7	8.6	14.7	10.9	14.8 B	08
09	16.2 B	35.0 B	54.7 B	44.5	48.9	13.1	20.0 E	10.2	8.9	11.9	10.5 B	14.0 B	09
10	16.2 B	38.0 B	47.0 B	42.8	40.1	13.1	16.0 E	10.1	14.1	10.9	10.0 B	13.3 B	10
11	16.7 B	40.0 B	42.5 B	48.3	42.0	13.0	14.5 E	9.9	21.2	10.3	9.9 B	13.0 B	11
12	16.7 B	46.0 B	47.8 B	41.1	41.6	12.3	13.4 E	10.1	13.5	10.1	9.8 B	12.5 B	12
13	16.7 B	50.0 B	120.0 B	38.8	36.0	11.5	13.2 E	10.6	11.1	9.9	9.7 B	12.0 B	13
14	16.7 B	59.0 B	77.7 B	36.4	31.9	12.0	13.0 E	11.0	10.2	13.5	9.6 B	11.8 B	14
15	16.7 B	91.0 B	50.8 B	55.2	31.3	11.6	12.8 E	14.0	9.7	12.8	9.5 B	11.3 B	15
16	16.7 B	146.0	37.4 B	51.5	41.8	12.5	12.4 E	11.1	9.9	11.2 B	9.4 B	11.0 B	15
17	17.2 B	101.0	32.2 B	40.8	61.7	12.2	12.1 E	10.0	10.2	17.0 B	10.0 B	11.0 B	17
18	17.8 B	67.7	33.5 B	35.4	51.4	11.9	11.0 E	9.6	14.4	20.0 B	10.5	11.0 B	18
19	17.8 B	90.9	59.8 B	31.2	38.4	15.6	10.5 E	9.5	11.5	25.0 B	11.3	10.8 B	19
20	19.0 B	73.4	281.0	28.3	33.2	14.9	18.0 E	9.1	15.1	12.1 B	11.4	16.0 B	20
21	19.0 B	47.0 B	653.0 B	27.9	29.6	12.9	23.5 E	9.8	15.1	14.8	11.0	15.0 B	21
22	21.0 B	36.0 B	200.0 B	31.6	26.8	12.1	20.0 E	8.9	29.9	20.8	10.6 B	14.0 B	22
23	24.3 B	37.0 B	135.0 B	31.9	25.4	13.1	17.0 E	9.2	32.2	27.8	9.2 B	13.5 B	23
24	30.0 B	39.0 B	193.0 B	29.5	24.2	14.7	15.1	9.1	20.3	27.4	8.1 B	13.0 B	24
25	40.0 B	49.0 B	297.0	76.1	22.8	15.7	12.1	9.2	15.4	26.8	6.7 B	12.5 B	25
26	50.0 B	70.0	220.0	85.4	22.3	14.8	11.8	9.7	13.1	20.0	19.7 B	12.3 B	26
27	81.0 B	91.7	226.0	66.6	21.1	19.0	12.3	11.3	14.0	16.1	68.0 B	12.0 B	27
28	70.0 B	81.8	214.0	69.5	19.8	16.4	11.5	11.8	12.5	14.4	42.4 B	11.8 B	28
29	50.0 B	82.4	141.0	52.0	18.3	18.3	30.9	10.5	11.6	13.1	33.0 B	11.5 B	29
30	44.0 B		114.0	39.9	39.0	25.3	8.6	11.1	12.5	28.0 B	11.3 B	8	30
31	40.0 B		123.0		23.0		17.7	8.8		12.9		11.0 B	31
TOTAL	849.3	1643.9	4193.1	1702.3	1225.9	466.7	621.6	331.3	403.8	471.6	451.7	432.7	TOTAL
MEAN	27.39	56.68	135.26	56.74	39.54	15.55	20.05	10.68	13.46	15.21	15.05	13.95	MEAN
AC-FT	1684.58	3260.67	8317.01	3376.51	2431.57	925.69	1232.94	657.13	800.93	935.41	895.94	858.26	AC-FT
MAX	81.0	146.0	653.0	148.0	120.0	39.0	67.4	15.5	32.2	27.8	68.0	24.0	MAX
MIN	16.2	31.0	32.2	27.9	18.3	11.5	10.5	8.6	8.6	9.2	6.7	10.8	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 35.0 CFS

TOTAL DISCHARGE, 25400 AC-FT

MAXIMUM DAILY DISCHARGE, 653.0 CFS

MINIMUM DAILY DISCHARGE, 6.7 CFS

LOCATION: AT THE BRIDGE ON HURON COUNTY ROAD 30,

1.5 MILES NORTH OF THE VILLAGE OF FORDWICH.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 21.6 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS

E - ESTIMATED

NATURAL FLOW

MAITLAND RIVER TRIBUTARY NEAR FORDWICH - STATION NO. 02FE102

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	15.0 B	13.0 B	12.4 B	78.4	24.8	12.9	12.2	13.8	29.1	117.0	22.8	88.0	01
02	14.9 B	13.0 B	12.4 B	66.2	23.7	12.6	10.8	10.2	47.0	198.0	23.7	108.0	02
03	14.8 B	13.0 B	12.4 B	72.7	22.6	12.2	10.2	10.5	34.1	95.4	23.3	59.8	03
04	14.7 B	13.0 B	12.4 B	56.9	21.5	11.4	10.0	10.3	24.1	61.2	24.2	45.0	04
05	14.7 B	13.0 B	12.4 B	105.0	21.7	11.4	9.8	14.6	20.9	45.8	22.9	38.6	05
06	14.6 B	12.7 B	12.4 B	82.0	22.0	12.2	11.5	36.3	18.9	39.8	22.4	49.8	06
07	14.5 B	12.7 B	13.0 B	61.1	20.8	12.5	23.5	20.8	17.0	33.7	27.0	35.0	07
08	14.4 B	12.7 B	20.0 B	51.6	19.7	11.4	18.2	25.5	16.5	39.6	28.9	30.8	08
09	14.3 B	12.7 B	35.0 B	47.9	19.2	11.3	13.1	29.1	15.9	99.5	26.3	26.3	09
10	14.2 B	12.7 B	60.0 B	54.2	18.7	11.0	11.4	30.4	15.0	68.0	48.2	48.2	10
11	14.1 B	12.5 B	105.0 B	50.5	17.6	10.2	10.8	26.9	14.4	52.0	74.4		11
12	14.0 B	12.5 B	191.0 B	45.3	17.6	10.3	10.9	19.0	13.3	62.2	64.8		12
13	14.0 B	12.5 B	649.0	39.7	17.5	10.4	11.2	14.6	15.2	57.6	45.0		13
14	14.0 B	12.5 B	459.0	37.6	17.5	10.2	10.2	18.2	19.3	45.2	37.5		14
15	13.9 B	12.5 B	298.0	34.4	17.3	10.0	10.0	14.0	15.3	39.4	39.7		15
16	13.8 B	12.5 B	276.0	33.3	16.0	9.6	10.9	62.3	20.6	47.7	60.6		16
17	13.8 B	12.5 B	161.0 B	32.1	16.3	11.5	11.8	194.0	24.2	42.7	64.0		17
18	13.7 B	12.5 B	97.0 B	31.4	20.9	10.7	11.3	60.1	29.3	41.2	51.1		18
19	13.7 B	12.5 B	70.9 B	32.6	19.5	10.4	10.1	33.5	25.9	38.2	54.9		19
20	13.6 B	12.5 B	50.0 B	34.7	18.7	9.6	10.4	28.8	32.5	33.9	56.3		20
21	13.6 B	12.5 B	41.8 B	34.3	15.9	9.6	9.9	26.3	31.6	30.8	92.5		21
22	13.5 B	12.5 B	37.4 B	37.5	14.9	9.2	10.8	79.4	24.2	31.4	63.6		22
23	13.4 B	12.5 B	33.5 B	36.6	15.0	9.2	9.4	46.5	19.7	29.2	47.2		23
24	13.3 B	12.5 B	32.8 B	33.8	14.3	9.0	9.3	38.7	25.5	27.2	54.1		24
25	13.3 B	12.5 B	34.8 B	30.7	13.4	13.9	10.2	30.4	88.8	26.5	48.3		25
26	13.0 B	12.4 B	39.5 B	28.6	12.5 E	10.9	9.5	23.7	68.3	26.4	40.5		26
27	13.0 B	12.4 B	55.3	28.8	12.0 E	9.8	9.4	20.4	66.7	26.4	34.0		27
28	13.0 B	12.4 B	115.0	25.1	12.0 E	9.4	9.4	18.3	57.7	25.3	32.5		28
29	13.0 B	223.0	24.2	14.0 E	18.2	9.4	17.0	51.9	24.7	31.7	29		29
30	13.0 B	187.0	22.6	13.0 E	14.5	10.1	20.2	38.5	23.8	30.8	30.8		30
31	13.0 B		122.0		15.0 E		11.7	17.5		22.6			31
TOTAL	429.8	353.2	3481.4	1347.8	543.6	335.5	347.4	1009.4	921.4	1552.4	1293.2	424.2	TOTAL
MEAN	13.86	12.61	112.3	44.92	17.53	11.18	11.2	32.56	30.71	50.07	43.1	60.6	MEAN
AC-FT	852.5	700.57	6905.35	2673.36	1078.23	665.46	689.06	2002.14	1827.59	3079.18	2565.06	841.4	AC-FT
MAX	15.0	13.0	649.0	105.0	24.8	18.2	23.5	194.0	88.8	198.0	92.5	108.0	MAX
MIN	13.0	12.4	12.4	22.6	12.0	9.0	9.3	10.2	13.3	22.6	22.4	35.0	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 649.0 CFS

MINIMUM DAILY DISCHARGE, 9.0 CFS

LOCATION: AT THE BRIDGE ON HURON COUNTY ROAD 30,

1.5 MILES NORTH OF THE VILLAGE OF FORDWICH.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 21.6 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS

E - ESTIMATED

NATURAL FLOW

LITTLE USABLE RIVER NEAR CENTRALIA - STATION NO. 02FF102

7

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01					16.1	6.9	2.0	0.41	13.8	3.1	1.0	42.6	01	
02					14.8	5.4	1.8	0.31	17.0	2.8	2.2	22.9	02	
03					14.2	5.3	1.6	0.55	9.7	2.4	2.9	16.3	03	
04					15.5	9.7	1.4	1.7	5.2	2.2	3.4	13.3	04	
05					15.3	19.7	1.4	0.9	3.0	2.0	2.2	22.4	13.7	
06					38.2	16.1	1.3	0.19	2.3	1.9	13.9	193.0	05	
07					40.2	10.2	1.3	0.08	1.6	1.7	11.7	119.0	06	
08					27.0	7.8	5.0	0.02	1.0	1.6	11.1	48.5	08	
09					21.0	6.3	3.5	0.0	0.63	1.5	9.5	29.2	09	
10					17.5	5.1	1.7	0.0	0.27	1.4	13.9	21.4	10	
11					112.0	15.4	4.7	4.1	0.0	0.22	1.3	22.9	17.0	
12					114.0	14.2	6.6	3.0	0.0	2.1	1.2	15.9	14.6	
13					95.7	12.7	6.4	1.5	0.0	6.1	1.2	12.8	14.3	
14					101.0	11.6	5.4	2.2	0.11	8.3	1.1	10.7	76.1	
15					141.0	11.1	5.3	2.8	0.28	6.0	1.1	9.6	209.0	
16					167.0	10.1	8.4	1.7	0.0	4.2	1.1	8.7	109.0	
17					168.0	9.4	6.8	1.1	0.0	3.2	1.0	7.7	46.9	
18					188.0	9.3	29.1	0.9	0.0	2.7	0.98	7.1	19.6	
19					669.0	8.9	13.0	1.2	0.0	10.3	0.96	6.8	13.9	
20					210.0	8.2	8.3	10.8	0.0	19.6	1.0	6.5	11.7	
21					109.0	8.0	6.2	6.4	0.0	26.2	1.2	6.8	10.9	
22					64.6	7.5	5.1	3.3	0.0	18.2	1.2	6.9	10.5	
23					44.0	7.2	9.5	1.9	0.0	14.6	1.0	6.7	10.2	
24					42.8	7.1	24.4	1.4	30.8	10.6	0.93	6.6	9.9	
25					34.5	6.7	9.7	1.1	62.8	7.6	0.9	9.7	25	
26					26.7	6.8	6.2	1.0	24.2	6.2	0.94	6.1	9.6	
27					22.6	6.3	4.8	0.9	12.0	5.3	0.96	6.0	9.2	
28					20.7	5.3	3.9	0.77	5.6	4.5	0.93	7.0	8.8	
29					18.6	4.8	3.0	0.67	2.9	3.7	0.91	11.4	8.4	
30					16.7	4.9	2.4	0.59	6.7	3.3	0.89	31.5	30	
31					10.6		0.51	8.1		0.82		56.7	31	
TOTAL					2365.9	405.9	261.5	68.84	157.65	217.42	42.22	353.6	1220.9	TOTAL
MEAN					118.29	13.09	8.71	2.22	5.08	7.24	1.36	11.78	39.38	MEAN
AC-FT					4692.76	805.1	518.68	136.54	312.69	431.25	83.74	701.36	2421.65	AC-FT
MAX					669.0	40.2	29.1	10.8	62.8	26.2	3.1	34.3	209.0	MAX
MIN					16.7	4.8	2.4	0.51	0.0	0.22	0.82	1.0	8.4	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 669.0 CFS
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON CONCESSION 5, TWP. OF USBORNE
 ABOUT 3 MILES EAST OF THE VILLAGE OF CENTRALIA.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 21.8 SQUARE MILES.

B - ICE CORRECTIONS
 E - ESTIMATED
 NATURAL FLOW

LITTLE USABLE RIVER NEAR CENTRALIA - STATION NO. 02FF102

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	28.0 B	43.3 B	205.0	76.5	24.0	10.7	120.0	9.6	1.6	3.2	5.3	23.0	B 01
02	18.0 B	34.8 B	149.0	57.3	20.8	8.4	36.8	6.0 E	1.5	3.0	5.1	15.5	B 02
03	14.0 B	29.0 B	190.0	39.0	20.0	6.5	17.4	5.4 E	1.3	2.9	5.0	11.7	B 03
04	12.0 B	26.1 B	262.0	29.0	15.8	5.3	10.6	5.0	1.3	2.6	4.9	12.0	B 04
05	10.0 B	25.4 B	678.0	22.8	13.0	4.4	7.3	4.7	1.2	2.4	4.7	10.5	B 05
06	9.8 B	25.1 B	520.0 E	18.8	45.8	4.2	5.8	4.2	1.0	2.8	4.6 B	9.8 B	06
07	9.3 B	26.1 B	192.0 E	15.2	214.0	3.9	4.9	3.6	0.96	4.8	4.5 B	9.2 B	07
08	8.8 B	27.1 B	103.0 B	13.0	88.3	3.5	4.3	4.0	0.8	4.3	4.5 B	8.8 B	08
09	8.4 B	28.0 B	64.4 B	11.8	45.8	3.2	3.4	3.9	0.78	3.8	4.4 B	8.4 B	09
10	8.1 B	28.7 B	48.6 B	11.7	29.4	2.9	5.3	3.3	1.5	3.5	4.3 B	8.0 B	10
11	7.8 B	30.5 B	38.9 B	11.4	23.2	2.8	5.4	2.7	1.4	2.9	4.2 B	7.8 B	11
12	7.6 B	32.3 B	43.4	10.0	18.4	2.5	10.0	2.4	1.2	2.7	4.1 B	7.6 B	12
13	7.4 B	35.2 B	163.0	10.3	15.5	2.1	5.0	9.2	0.94	2.7	4.1 B	7.2 B	13
14	7.2 B	39.6 B	74.1 B	9.6	14.1	2.0	5.9	9.6	0.82	2.9	4.0 B	6.8 B	14
15	7.1 B	43.4 B	33.0 B	11.9	12.4	1.9	165.0	251.0	0.79	2.8	4.0 B	6.4 B	15
16	6.9 B	65.3 B	17.8 B	21.6	12.8	2.4	57.0	91.1	0.81	2.6	4.0 B	7.6 B	16
17	6.8 B	154.0 B	13.9 B	14.0	14.2	2.3	23.2	37.5	1.5	2.4	3.9 B	8.3 B	17
18	6.8 B	268.0 B	14.8 B	11.9	11.9	1.8	11.5	20.1	12.9	2.2	12.9	7.0 B	18
19	6.7 B	390.0 B	107.0 B	10.8	10.5	1.0	7.9	13.1	6.8	2.1	20.2	6.7 B	19
20	6.7 B	313.0 B	276.0	9.7	9.7	1.1	14.6	9.3	5.1	3.2	53.5	7.5 B	20
21	6.6 B	220.0 B	200.0	9.7	8.9	1.8	221.0	7.2	4.4	5.9	30.2 B	9.6 B	21
22	6.6 B	193.0 B	76.3 B	9.7	7.8	1.7	71.7	5.9	4.5	8.2	18.4 B	8.0 B	22
23	6.7 B	179.0 B	21.8 B	8.1	7.1	1.4	31.2	4.9	5.3	6.7	12.5 B	7.0 B	23
24	6.8 B	167.0 B	25.8 B	7.7	6.6	1.4	186.0	4.0	7.1	5.7	11.1 B	6.6 B	24
25	15.0 B	211.0 B	49.3	298.0	6.1	3.9	66.9	3.5	4.8	5.3	10.5 B	6.4 B	25
26	39.6 B	362.0	33.5	257.0	5.6	4.1	27.8	3.2	4.2	4.8	144.0 B	6.2 B	26
27	127.0 B	323.0	30.5	142.0	5.3	2.6	15.5	2.8	4.4	4.4	341.0	6.0 B	27
28	146.0 B	285.0	42.1	77.4	5.3	2.2	10.1	2.5	4.2	4.1	176.0	5.9 B	28
29	106.0 B	241.0	47.3	45.6	5.9	2.7	24.6	2.3	4.0	4.0	80.8	5.8 B	29
30	74.6 B		32.6	30.3	5.8	24.9	27.1	1.9	3.6	3.8	36.7 B	5.7 B	30
31	55.2 B		27.6		8.1		15.3	1.7		4.6		5.7 B	31
TOTAL	788.1	3845.9	3778.7	1301.8	732.2	119.4	1218.5	619.6	90.7	117.3	1031.4	262.7	TOTAL
MEAN	25.42	132.61	121.89	43.39	23.61	3.98	39.3	19.98	3.02	3.78	34.38	8.47	MEAN
AC-FT	1563.19	7628.34	7495.05	2582.12	1422.31	236.82	2416.89	1228.97	179.9	232.66	2045.78	521.06	AC-FT
MAX	146.0	390.0	678.0	298.0	214.0	24.9	221.0	251.0	12.9	8.2	341.0	23.0	MAX
MIN	6.6	25.1	12.8	7.7	5.3	1.0	3.4	1.7	0.78	2.1	3.9	5.7	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 37.8 CFS
 TOTAL DISCHARGE, 27600 AC-FT
 MAXIMUM DAILY DISCHARGE, 678.0 CFS
 MINIMUM DAILY DISCHARGE, 0.78 CFS

LOCATION: AT THE BRIDGE ON CONCESSION 5, TWP. OF USBORNE
 ABOUT 3 MILES EAST OF THE VILLAGE OF CENTRALIA.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 21.8 SQUARE MILES.

B - ICE CORRECTIONS
 E - ESTIMATED
 NATURAL FLOW
 REMARKS: NATURAL STREAMBED CONTROL.

LITTLE USABLE RIVER NEAR CENTRALIA - STATION NO. 02FF102
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	4.9 B	3.7 B	3.5 B	24.3	12.4	2.4	5.0			164.0	4.4	249.0	01	
02	4.8 B	3.7 B	3.5 B	23.2	10.9	2.3	2.8			130.0	4.3	197.0	02	
03	4.7 B	3.7 B	3.5 B	23.7	9.8	2.7	1.9			55.0	3.9	83.6	03	
04	4.6 B	3.7 B	3.5 B	20.9	9.4	2.3	1.4			29.7	3.5	40.5	04	
05	4.5 B	3.7 B	3.5 B	22.0	9.3	2.0	1.1			19.9	3.1	23.0 B	05	
06	4.4 B	3.7 B	3.5 B	16.9	8.4	5.0	0.91			15.1	3.1	16.0 B	06	
07	4.4 B	3.7 B	8.0 B	12.7 B	7.0	7.6	0.91		0.55	12.1	3.5	12.0 B	07	
08	4.3 B	3.7 B	20.0 B	15.9 B	6.8	4.8	1.4			16.6	3.6	7.5 B	08	
09	4.3 B	3.6 B	100.0 B	18.3	6.2	3.8	0.86			38.4	3.0	7.3 B	09	
10	4.2 B	3.6 B	473.0 B	21.0	5.8	3.0	0.24			27.8	8.0	7.5 B	10	
11	4.2 B	3.6 B	465.0 B	18.8	5.4	2.7				22.6	19.7	8.0 B	11	
12	4.1 B	3.6 B	690.0	16.5	5.0	2.5				23.5	22.8	9.0 B	12	
13	4.1 B	3.6 B	927.0	15.4	4.7	2.2				22.1	23.5	13.5 B	13	
14	4.0 B	3.6 B	525.0	13.2	4.3	1.9				20.3	21.6	123.0	14	
15	4.0 B	3.6 B	288.0	11.6	3.7	1.0				18.3	45.8	160.0	15	
16	4.0 B	3.6 B	217.0	10.9	3.4	1.3				20.3	119.0	107.0	16	
17	4.0 B	3.6 B	120.0	10.0	3.2	1.2		0.52		21.0	119.0	79.9	17	
18	4.0 B	3.6 B	75.0	9.8	3.4	1.4				17.3	71.4	68.3	18	
19	3.9 B	3.6 B	48.3	9.2	3.1	1.1			16.7	14.1	40.6	128.0	19	
20	3.9 B	3.6 B	47.4	9.2	2.9	0.54			41.7	11.7	37.1	154.0	20	
21	3.9 B	3.5 B	34.3	8.8	2.8	0.37				19.0	10.3	101.0	21	
22	3.9 B	3.5 B	42.7	20.3	2.5	0.28				11.9	9.3	51.7	22	
23	3.9 B	3.5 B	24.1 B	156.0	2.4	0.28				7.4	7.9	36.1	23	
24	3.8 B	3.5 B	17.5 B	150.0	2.3	0.27				9.1	7.1	80.0	24	
25	3.8 B	3.5 B	14.6 B	71.9	2.1	2.6				103.0	6.5	46.0 B	25	
26	3.8 B	3.5 B	19.1 B	43.6	2.0	1.4				116.0	6.0	27.0 B	26	
27	3.8 B	3.5 B	26.1	29.5	1.9	0.27				90.5	5.3	19.0 B	27	
28	3.8 B	3.5 B	59.0	21.1	1.9	0.56				46.2	4.8	17.5 B	28	
29	3.8 B		131.0	16.4	2.1	16.5				29.0	4.5	15.9	29	
30	3.7 B		73.6	13.9	2.0	9.8				20.3	4.3	17.3 B	30	
31	3.7 B		39.4		2.1						4.3		13.4 B	31
TOTAL	127.2	100.8	4506.5	855.0	149.0	84.67	16.52	1.07	510.8	770.1	972.1	2015.2	TOTAL	
MEAN	4.1	3.6	145.37	28.5	4.8	2.82	1.65	0.53	42.56	24.84	32.4	65.0	MEAN	
AC-FT	452.3	199.93	8938.64	1695.89	295.54	167.94	32.76	1013.17	1527.49	1928.16	3997.14	AC-FT		
MAX	4.9	3.7	927.0	156.0	12.2	16.5	5.0	0.55	116.0	164.0	119.0	249.0	MAX	
MIN	3.7	3.5	3.5	8.8	1.9	0.27	0.24	0.52	7.4	4.3	3.0	7.3	MIN	

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 972.0 CFS
MINIMUM DAILY DISCHARGE, 0.24 CFS

LOCATION: AT THE BRIDGE ON CONCESSION 5, TWP. OF USBORNE
ABOUT 3 MILES EAST OF THE VILLAGE OF CENTRALIA.

B - ICE CORRECTIONS
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 21.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

ERAMOSA RIVER AT VICTORIA ROAD GUELPH - STATION NO. 02GA104

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				125.0	63.1	35.9	20.0	69.4	35.8	37.0	91.9	01	
02				148.0	65.7	34.0	19.6	68.0	35.5	50.3	102.0	02	
03				140.0	63.8	30.6	28.5	58.6	35.4	61.6	81.6	03	
04				140.0	60.1	25.9	41.2	49.3	31.1	70.5	69.9	04	
05				175.0	66.8	20.4	35.2	43.8	31.4	78.5	66.5	05	
06				235.0	77.1	20.6	32.2	40.0	32.0	67.9	90.8	06	
07				310.0	76.1	24.5	33.8	39.5	29.4	74.3	105.0	07	
08				312.0	66.2	22.5	28.6	38.6	36.7	66.6	99.1	08	
09				240.0	58.5	19.3	25.6	32.7	33.0	62.3	81.3	09	
10				178.0	54.6	25.5	22.5	35.2	35.2	76.5	74.0	10	
11				140.0	51.0	30.6	23.6	32.2	32.0	135.0	69.6	11	
12				113.0	63.9	24.2	27.4	35.5	31.3	106.0	66.5	12	
13				116.0	63.7	23.8	23.6	32.6	35.5	94.3	62.3	13	
14				110.0	59.1	30.2	22.7	34.6	53.0	79.4	72.4	14	
15				103.0	55.2	28.8	22.0	39.5	46.7	68.4	140.0	15	
16				95.4	64.6	28.9	19.3	42.9	43.2	58.4	181.0	16	
17				93.1	63.4	30.0	20.0	35.6	48.3	56.3	148.0	17	
18				91.4	65.1	26.7	21.9	36.3	46.0	51.5	110.0	18	
19				85.5	167.0	26.3	18.8	71.5	41.8	48.7	81.6	19	
20				74.2	164.0	34.8	17.1	95.5	50.2	49.3	60.6	20	
21				71.3	130.0	46.0	18.0	89.8	69.7	50.8	57.0	21	
22				63.4	91.8	48.7	21.7	76.4	73.9	49.6	56.0	22	
23				66.1	62.2	40.9	16.3	63.0	87.0	51.6	55.0	23	
24				61.6	51.0	37.0	79.7	53.8	59.6	45.6	55.0	24	
25				62.7	51.3	31.3	107.0	48.5	47.2	42.5	55.0	25	
26				71.3	43.9	25.9	81.8	44.6	44.0	44.3	58.0	26	
27				68.3	41.8	27.8	61.5	38.6	45.4	46.6	56.0	27	
28				65.3	39.5	27.4	49.4	39.1	38.9	53.7	54.0	28	
29				56.9	39.4	28.1	42.8	39.5	42.0	55.3	52.0	29	
30				47.8	39.5	24.2	54.3	37.4	39.7	61.9	51.0	30	
31				56.9		24.1	61.4				58.0	31	
TOTAL				3716.2	2059.4	904.9	1097.5	1462.0	1346.5	1894.7	2461.3	TOTAL	
MEAN				114.87	68.64	29.19	35.4	48.73	43.43	63.15	79.39	MEAN	
AC-FT				7371.08	4084.81	1794.86	2176.89	2899.87	2670.78	3758.13	4881.98	AC-FT	
MAX				312.0	107.0	48.7	107.0	95.5	87.0	135.0	181.0	MAX	
MIN				47.8	39.4	19.3	16.3	32.2	29.4	37.0	51.0	MIN	

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 312.0 CFS
MINIMUM DAILY DISCHARGE, 16.3 CFS

LOCATION: AT THE BRIDGE ON VICTORIA ROAD IN THE CITY OF GUELPH.

B - ICE CORRECTIONS
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 108 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

ERAMOSA RIVER AT VICTORIA ROAD GUELPH - STATION NO. 02GA104

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DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	73.0 B	73.0 B	330.0	420.0 E	294.0	112.0	111.0	68.7	33.5 E	53.1 E	72.1 E	53.6 B	01
02	68.0 B	72.0 B	317.0	450.0 E	256.0	115.0	119.0	73.3	38.7 E	48.3 E	69.0 E	46.7 B	02
03	65.0 B	70.0 B	310.0	370.0 E	188.0	105.0	106.0	62.0	37.6 E	46.6 E	62.9 E	41.4 B	03
04	61.0 B	69.0 B	281.0	290.0 E	175.0 E	93.7	98.9	55.2	35.2 E	47.3 E	61.2 E	40.7 B	04
05	57.0 B	69.0 B	319.0	271.0 E	138.0	82.3	82.9	42.1 E	35.0 E	41.7 E	60.0 E	41.2 B	05
06	60.0 B	69.0 B	397.0	237.0 E	208.0	67.9	72.3	38.0 E	35.6 E	43.6 E	60.4 E	38.6 B	06
07	57.0 B	66.0 B	408.0	209.0 E	394.0	67.2	69.1	33.0 E	29.7 E	62.4 E	59.3 E	37.8 B	07
08	56.0 B	67.0 B	361.0	196.0 E	504.0	62.4	98.5	36.7 E	28.4 E	76.4	57.9 E	40.9 B	08
09	55.0 B	66.0 B	310.0	179.0 E	423.0	59.8	101.0	42.5 E	28.8 E	79.9	54.0 E	39.0 B	09
10	54.0 B	65.0 B	275.0	163.0 E	304.0	59.4	98.0	50.1	29.4 E	78.5	50.0 E	38.4 B	10
11	51.0 B	66.0 B	219.0	161.0	253.0	57.0	88.3	50.6	34.7 E	72.3	50.6 E	38.4 B	11
12	52.0 B	67.0 B	190.0 E	151.0 E	227.0	53.5	85.0	42.2 E	34.5 E	68.8	46.5 E	39.7 B	12
13	56.0 B	68.0 B	268.0	145.0 E	212.0	55.8	73.7	52.7	32.8 E	67.1	43.5 E	39.0 B	13
14	59.0 B	75.0 B	290.0	126.0 E	191.0	63.5	63.5	201.0 E	33.4 E	54.7 E	43.4 E	39.2 B	14
15	60.0 B	97.0 B	291.0	159.0 E	180.0	96.5	60.9	230.0 E	30.3 E	54.0 E	43.4 E	39.6 B	15
16	59.0 B	132.0	262.0	349.0	184.0	122.0	67.4	131.0	30.1 E	50.9 E	36.0 E	39.3 B	16
17	54.0 B	163.0	235.0	433.0	222.0	101.0	61.0	100.0 E	34.6 E	46.5 E	34.1	39.1 B	17
18	46.0 B	181.0	235.0 E	307.0 E	244.0	62.9	57.6	67.1 E	249.0 E	49.3 E	35.1	39.7 B	18
19	40.0 B	217.0	199.0	233.0 E	219.0	81.3	50.0 E	55.0 E	286.0 E	47.7 E	32.3	39.8 B	19
20	41.0 B	208.0	408.0	170.0 E	172.0	82.9	43.6 E	42.0 E	208.0 E	78.0	33.5	44.3 B	20
21	45.0 B	210.0	1130.0 E	150.0 E	142.0	83.4	60.4	38.5 E	135.0 E	86.7	36.1	45.1 B	21
22	43.0 B	298.0	1210.0	144.0 E	128.0	75.4	59.4	35.6 E	97.3	119.0	34.4	44.4 B	22
23	43.0 B	286.0	915.0 E	149.0 E	116.0	65.9	59.5	32.4 E	96.9	135.0 E	34.1	43.2 B	23
24	43.0 B	272.0	614.0	152.0 E	110.0	64.0	56.0	31.9 E	79.6	141.0	32.4	41.1 B	24
25	42.0 B	287.0	670.0 E	144.0 E	109.0	86.2	52.7	30.0 E	74.5	131.0 E	34.1	39.6 B	25
26	59.0 B	286.0	750.0 E	458.0	96.5	84.8	41.6 E	26.6 E	75.0	136.0	36.5	40.0 B	26
27	95.0 B	311.0	650.0 E	500.0	97.4	89.3	37.7 E	26.5 E	79.3	101.0 E	83.0 B	40.4 B	27
28	91.0 B	344.0	600.0 E	457.0	93.4	106.0	33.2 E	31.6 E	76.1	83.2 E	133.0 B	40.9 B	28
29	85.0 B	324.0	490.0 E	393.0 E	89.6	109.0	40.9 E	35.7 E	75.0	68.7 E	117.0 B	41.2 B	29
30	79.0 B	352.0	329.0 E	89.3	107.0	54.0	31.0 E	68.0	66.3 E	103.0 B	40.2 B	30	
31	75.0 B		330.0 E		100.0		60.8	29.8 E		69.4 E		40.6 B	31
TOTAL	1824.0	4580.0	13616.0	7892.0	6156.0	2492.1	2163.9	1822.8	2162.0	2304.4	1648.8	1273.1	TOTAL
MEAN	58.83	157.93	439.22	263.06	198.58	83.07	69.8	58.8	72.06	74.33	54.96	41.06	MEAN
AC-FT	3617.9	9084.43	27007.33	15653.78	12210.42	4943.08	4292.09	3615.52	4288.32	4570.77	3270.39	2525.19	AC-FT
MAX	55.0	344.0	1210.0	500.0	504.0	122.0	119.0	230.0	286.0	141.0	133.0	53.6	MAX
MIN	40.0	65.0	190.0	126.0	89.3	53.5	33.2	26.5	28.4	41.7	32.3	37.8	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 131.0 CFS

TOTAL DISCHARGE, 95100 AC-FT

MAXIMUM DAILY DISCHARGE, 1210.0 CFS

MINIMUM DAILY DISCHARGE, 26.5 CFS

LOCATION: AT THE BRIDGE ON VICTORIA ROAD IN THE CITY OF GUELPH.

B - ICE CORRECTIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 108 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

ERAMOSA RIVER AT VICTORIA ROAD GUELPH - STATION NO. 02GA104

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	40.0 B	35.0 B	44.0 B	283.0	99.7	67.4							01
02	39.5 B	35.0 B	42.0 B	226.0	105.0	67.4							02
03	39.0 B	35.0 B	40.0 B	252.0	105.0	63.7							03
04	39.0 B	35.0 B	49.3 B	236.0	105.0	60.7							04
05	33.6 B	35.0 B	64.7 B	276.0	103.0	59.7							05
06	33.6 B	34.0 B	61.1 B	297.0	103.0	69.9							06
07	20.3 B	34.0 B	59.1 B	259.0	92.8	67.7							07
08	28.0 B	34.0 B	63.0 B	196.0	94.2	64.0							08
09	28.7 B	34.0 B	91.4 B	162.0	89.5	61.1							09
10	28.5 B	35.0 B	216.0	147.0 E	58.1	62.7							10
11	28.8 B	37.0 B	349.0	140.0 E	38.3	59.3							11
12	29.0 B	39.0 B	484.0	140.0 E	38.5	53.6							12
13	29.0 B	45.2 B	944.0	138.0 E	52.8								13
14	29.0 B	42.5 B	1320.0	133.0 E	69.5								14
15	29.5 B	38.9 B	848.0	130.0 E	64.5								15
16	29.5 B	37.4 B	567.0	120.0 E	68.9								16
17	29.5 B	35.5 B	409.0	110.0 E	73.3								17
18	30.0 B	35.9 B	297.0	100.0 E	75.1								18
19	30.0 B	35.6 B	204.0	92.0 E	73.2								19
20	30.0 B	36.7 B	190.0	93.0 E	68.9								20
21	31.6 B	36.4 B	158.0	96.0 E	74.2								21
22	32.0 B	34.8 B	173.0	119.0	70.2								22
23	32.5 B	34.7 B	152.0	202.0 E	68.3								23
24	33.5 B	41.4 B	164.0	333.0 E	74.0								24
25	35.0 B	49.1 B	146.0	324.0 E	82.2								25
26	37.0 B	43.3 B	141.0	267.0 E	84.7								26
27	36.0 B	47.6 B	139.0	210.0 E	75.4								27
28	36.0 B	47.7 B	154.0	170.0 E	67.0								28
29	36.0 B		243.0	146.0 E	66.6								29
30	36.0 B		332.0	125.0	62.7								30
31	36.0 B		346.0		60.5								31
TOTAL	1016.1	1060.7	8490.6	5522.0	4564.1	757.2							TOTAL
MEAN	32.77	37.88	273.89	184.06	70.26	63.1							MEAN
AC-FT	2015.43	2103.89	16841.1	10952.88	4689.19	1501.9							AC-FT
MAX	40.0	47.7	1320.0	333.0	105.0	69.9							MAX
MIN	28.0	34.0	40.0	92.0	38.3	53.6							MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 1320.0 CFS

MINIMUM DAILY DISCHARGE, 28.0 CFS

LOCATION: AT THE BRIDGE ON VICTORIA ROAD IN THE CITY OF GUELPH.

E - ICE CORRECTIONS

U - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 108 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

SPEED RIVER AT WOODLAWN ROAD, GUELPH - STATION NO. 02GA105

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01					94.2	33.8	16.0	9.6	40.1	25.3	28.0	96.0	01	
02					92.3	30.9	14.3	8.7	38.9	23.8	29.3	109.0	02	
03					85.2	26.2	13.8	16.7	37.5	22.7	31.4	55.0	B 03	
04					92.7	26.4	12.6	18.6	33.8	21.8	39.2	47.7	B 04	
05					141.0	33.2	12.0	17.8	29.7	21.0	52.8	50.6	B 05	
06					189.0	39.1	11.2	14.5	25.9	20.4	53.6	81.0	B 06	
07					245.0	34.7	10.5	12.0	23.7	20.0	59.7	110.0	B 07	
08					167.0	28.7	10.3	9.9	21.7	19.7	64.5	106.0	08	
09					117.0	29.9	9.6	2.5	19.9	19.4	51.4	72.4	09	
10					80.5	21.4	10.3	3.4	18.9	19.4	71.5	66.6	10	
11					71.9	18.6	10.4	3.6	20.1	18.7	117.0	58.8	11	
12					64.5	24.0	10.3	1.5	19.3	18.3	99.1	55.5	12	
13					63.5	34.2	11.1	2.4	20.6	22.9	68.1	46.2	B 13	
14					57.9	29.2	15.3	1.4	24.4	23.9	53.0	66.4	14	
15					51.3	29.3	14.3	1.3	24.4	27.9	44.0	206.0	15	
16					48.2	56.4	12.3	1.2	23.3	31.6	46.0	245.0	16	
17					43.9	55.0	11.5	1.0	21.3	31.0	42.0	117.0	B 17	
18					41.7	52.6	10.2	0.98	25.1	25.5	37.0	86.0	B 18	
19					39.2	241.0	17.0	0.97	28.8	25.1	36.0	69.0	B 19	
20					35.5	220.0	34.5	0.97	45.0	30.6	34.0	58.0	B 20	
21					516.0	31.3	116.0	29.5	2.9	51.3	33.5	41.9	55.0	B 21
22					339.0	30.8	66.3	22.3	1.4	52.2	36.8	36.4	53.0	B 22
23					276.0	31.0	44.2	17.2	2.2	49.7	35.2	36.2	52.0	B 23
24					328.0	67.0	35.2	15.4	37.1	44.4	33.3	35.5	50.0	B 24
25					284.0	69.5	30.1	14.5	53.9	39.0	31.0	49.0	B 25	
26					214.0	53.0	27.7	15.0	39.8	34.6	30.4	29.1	49.0	B 26
27					173.0	51.2	24.0	14.8	38.1	30.9	29.7	29.4	52.0	B 27
28					148.0	39.3	21.8	13.9	33.9	29.5	28.2	31.1	49.0	B 28
29					130.0	30.9	19.3	12.8	32.5	27.9	26.9	34.9	47.0	B 29
30					101.0	27.7	17.2	11.9	31.8	27.1	25.7	42.1	55.0	B 30
31						28.4		10.2	37.3		24.7		63.0	B 31
TOTAL					2509.0	2287.6	1462.4	445.0	439.92	929.0	604.4	1406.0	2376.2	TOTAL

SUMMARY FOR THE YEAR 1975
 MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 516.0 CFS
 MINIMUM DAILY DISCHARGE, 0.97 CFS

LOCATION: AT THE BRIDGE ON WOODLAWN ROAD IN THE CITY OF GUELPH.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 102 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS
 E - ESTIMATED
 NATURAL FLOW

SPEED RIVER AT WOODLAWN ROAD, GUELPH - STATION NO. 02GA105

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	84.0 B	86.0 B	321.0 B	447.0	228.0	64.8	81.2	40.8	54.7	103.0	183.0	73.0	B 01
02	71.0 B	80.0 B	340.0 B	463.0	190.0	70.0	91.8	39.6	53.2	101.0	179.0	71.0	B 02
03	55.0 B	78.0 B	360.0 B	415.0	168.0	62.7	80.7	34.3	52.3	101.0	173.0	68.0	B 03
04	44.0 B	76.0 B	390.0 B	325.0	155.0	55.0	69.1	32.6	51.9	101.0	172.0	66.0	B 04
05	33.0 B	72.0 B	373.0 B	258.0	135.0	44.3	57.8	29.4	50.1	101.0	172.0	64.0	B 05
06	37.0 B	71.0 B	410.0 B	214.0	151.0	35.4	46.1	27.6	50.1	106.0	172.0	63.0	B 06
07	34.0 B	69.0 B	490.0 B	186.0	342.0	28.7	42.9	21.0	49.5	109.0	172.0	61.0	B 07
08	31.0 B	67.0 B	298.0 B	160.0	442.0	24.5	64.4	20.3	48.5	106.0	171.0	59.0	B 08
09	30.0 B	67.0 B	380.0 B	137.0	342.0	25.8	72.9	19.5	48.2	106.0	170.0	58.0	B 09
10	28.0 B	70.0 B	370.0 B	115.0	254.0	33.5	67.8	22.7	48.5	105.0	122.0	62.0	B 10
11	28.0 B	89.0 B	225.0 B	104.0	202.0	39.3	63.1	22.6	47.9	104.0	84.7	50.0	B 11
12	27.0 B	120.0 B	175.0 B	92.8	169.0	33.3	55.2	21.8	47.7	103.0	83.4	35.0	B 12
13	28.0 B	138.0 B	270.0 B	87.1	145.0	23.0	46.0	25.1	47.7	103.0	82.3	30.0	B 13
14	30.0 B	133.0 B	290.0 B	82.3	127.0	62.8	40.0	48.4	47.6	104.0	82.2	29.0	B 14
15	32.0 B	130.0 B	310.0 B	109.0	111.0	101.0	39.0	95.1	47.6	102.0	82.2	30.0	B 15
16	34.0 B	146.0 B	320.0 B	311.0	107.0	80.0 E	40.1	137.0	47.5	101.0	82.3	29.0	B 16
17	32.0 B	187.0 B	330.0 B	373.0	130.0	66.7	32.1	136.0	57.6	100.0	82.4	29.4	B 17
18	31.0 B	240.0 B	280.0 B	285.0	176.0	52.1	26.9	206.0	93.9	100.0	82.6	29.4	B 18
19	26.0 B	148.0 B	270.0 B	212.0	156.0	46.4	23.5	27.5	67.1	103.0	63.4	28.0	B 19
20	32.0 B	135.0 B	484.0	156.0	138.0	44.6	23.6	46.4	60.3	109.0	48.4	34.0	B 20
21	33.0 B	109.0 B	613.0	123.0	107.0	42.5	33.5	47.1	86.1	112.0	48.2	41.0	B 21
22	34.0 B	100.0 B	463.0	106.0	88.6	36.9	35.6	48.9	147.0	168.0	48.0	39.0	B 22
23	32.0 B	90.0 B	313.0	98.5	72.0	32.4	31.5	49.0	147.0	213.0	59.5	38.0	B 23
24	31.0 B	80.0 B	313.0	99.2	66.7	37.7	27.0	51.9	110.0	212.0	50.5	37.0	B 24
25	30.0 B	77.0	346.0	223.0	60.1	63.6	23.9	53.7	108.0	209.0	49.8	36.0	B 25
26	100.0 B	83.1	264.0	396.0	54.6	54.1	21.4	55.1	109.0	206.0	52.8	35.0	B 26
27	120.0 B	187.0	185.0	426.0	53.9	55.7	19.8	56.2	109.0	202.0	57.0	34.0	B 27
28	110.0 B	349.0	99.2	410.0	49.9	65.6	19.4	56.7	107.0	199.0	56.1	33.0	B 28
29	100.0 B	339.0	279.0	368.0	44.9	64.5	29.1	53.4	105.0	194.0	80.0 B	33.0	B 29
30	98.0 B	415.0	291.0	41.4	70.6	33.8	54.1	104.0	191.0	76.0 B	32.0 B	30.0 B	30
31	93.0 B		362.0		47.9		38.8	54.8		187.0		32.0 B	31
TOTAL	1530.0	3616.1	10338.2	7072.9	4566.0	1517.5	1378.0	1882.1	2204.0	4161.0	3037.8	1358.8	TOTAL

SUMMARY FOR THE YEAR 1976
 MEAN DISCHARGE, 117.0 CFS
 TOTAL DISCHARGE, 84600 AC-FT
 MAXIMUM DAILY DISCHARGE, 613.0 CFS
 MINIMUM DAILY DISCHARGE, 19.4 CFS

LOCATION: AT THE BRIDGE ON WOODLAWN ROAD IN THE CITY OF GUELPH.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 102 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS
 E - ESTIMATED
 NATURAL FLOW

SPEED RIVER AT WOODLAWN ROAD, GUELPH - STATION NO. 02GA105

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DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	32.0 B	24.5 B	42.3	314.0	75.0	25.2	23.5	27.6	51.0	231.0	203.0	247.0	01
02	31.5 B	24.5 B	57.3	249.0	69.1	24.3	23.2	27.7	50.6	243.0	197.0	246.0	02
03	31.0 B	24.5 B	38.7	251.0	55.5	17.4	24.4	28.2	50.2	235.0	187.0	246.0	03
04	31.0 B	24.2 B	43.1	297.0	53.7	21.3	23.4	28.0	51.7	226.0	178.0	249.0	04
05	31.0 B	24.0 B	46.5	325.0	49.2	21.8	22.7	27.6	51.6	221.0	176.0	237.0	05
06	30.5 B	24.0 B	46.8	362.0	46.8	22.9	29.5	29.4	50.7	208.0	174.0	210.0 B	06
07	30.5 B	24.0 B	50.6	314.0	43.5	21.7	37.6	28.7	50.1	196.0	141.0	190.0 B	07
08	30.5 B	24.0 B	57.2	249.0	38.9	20.4	32.6	37.6	50.3	217.0	117.0	160.0 B	08
09	29.5 B	24.0 B	116.0	207.0	38.2	20.8	28.5	33.2	51.5	308.0	116.0	154.0 B	09
10	29.5 B	24.0 B	293.0	180.0	33.4	19.9	25.8	31.9	51.2	274.0	138.0	140.0 B	10
11	29.5 B	25.0 B	389.0	162.0	33.1	19.2	24.3	30.2	51.4	256.0	135.0	138.0 B	11
12	29.5 B	20.5 B	389.0	147.0	29.2	18.9	25.2	29.1	51.3	266.0	134.0	134.0 B	12
13	29.0 B	39.0 B	519.0	137.0	26.9	17.3	25.2	28.2	57.1	311.0	126.0	134.0 B	13
14	29.0 B	34.0 B	384.0	130.0	28.4	18.9	25.2	28.8	54.5	305.0	122.0	167.0 B	14
15	29.0 B	33.0 B	298.0	119.0	27.0	23.0	24.1	27.6	90.4	300.0	121.0	187.0	15
16	28.8 B	32.0 B	373.0	106.0	27.4	22.4	23.2	35.5	117.0	302.0	128.0	254.0	16
17	28.6 B	31.0 B	395.0	94.4	28.8	23.2	23.4	36.0	113.0	298.0	134.0	275.0	17
18	28.6 B	30.5 B	342.0	85.9	28.5	25.4	23.5	30.8	120.0	295.0	139.0	272.0	18
19	28.6 B	30.5 B	274.0	77.5	29.5	22.4	23.6	29.5	119.0	291.0	140.0	271.0	19
20	28.6 B	30.5 B	244.0	74.2	29.9	21.9	23.5	28.2	119.0	287.0	140.0	267.0	20
21	28.4 B	30.5 B	220.0	73.1	26.0	22.1	23.6	29.0	114.0	280.0	173.0	263.0	21
22	28.2 B	30.5 B	201.0	79.5	25.8	22.8	25.0	29.0	112.0	273.0	213.0	260.0	22
23	28.0 B	32.0 B	180.0	145.0	26.0	22.1	22.9	26.9	110.0	276.0	248.0	253.0	23
24	28.0 B	37.6	169.0	214.0	26.3	22.0	22.6	28.4	132.0	278.0	272.0	247.0	24
25	26.5 B	36.3	153.0	220.0	28.1	23.1	22.7	26.8	154.0	280.0	311.0	252.0	25
26	25.0 B	38.1	142.0	191.0	27.6	22.2	22.7	26.5	179.0	274.0	315.0	244.0	26
27	24.8 B	36.8	138.0	158.0	22.5	22.1	22.7	27.3	219.0	266.0	297.0	211.0	27
28	24.8 B	40.5	156.0	128.0	19.1	22.0	24.4	29.3	235.0	276.0	283.0	160.0	28
29	24.8 B	247.0	102.0	18.6	25.5	27.5	28.1	22.0	272.0	269.0	136.0	253.0	29
30	24.8 B	363.0	85.5	20.2	24.2	26.9	39.6	216.0	271.0	253.0	110.0	30	
31	24.5 B		358.0		21.0		29.9	49.7		234.0		91.1	31
TOTAL	884.0	834.0	6725.5	5277.1	1058.8	656.4	783.3	944.4	3094.6	8250.0	5575.0	6405.1	TOTAL
MEAN	28.51	29.78	216.95	175.9	34.15	21.88	25.26	30.46	103.15	266.12	185.83	206.61	MEAN
AC-FT	1753.41	1654.23	13340.02	10467.12	2100.12	1301.96	1553.67	1873.21	6138.13	16363.87	11058.01	12704.51	AC-FT
MAX	32.0	40.5	519.0	362.0	75.6	25.5	37.6	49.7	235.0	311.0	315.0	275.0	MAX
MIN	24.5	24.0	38.7	73.1	18.6	17.3	22.6	26.5	50.1	196.0	116.0	91.1	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 111.0 CFS

TOTAL DISCHARGE, 80300 AC-FT

MAXIMUM DAILY DISCHARGE, 519.0 CFS

MINIMUM DAILY DISCHARGE, 17.3 CFS

LOCATION: AT THE BRIDGE ON WOODLAWN ROAD IN THE CITY OF GUELPH.

B - ICE CORRECTIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 102 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

NORTH WEST DRAIN NEAR THE GUELPH STP - STATION NO. 02GA106

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
12												5.5	12
13												5.3	13
14												8.6	14
15												13.5	15
16												9.6	16
17												8.1	17
18												7.1	18
19												6.5	19
20												5.8	20
21												5.2	21
22												4.7	22
23												4.2	23
24												3.8	24
25												3.5	25
26												3.4	26
27												3.5	27
28												3.8	28
29												4.6	29
30												6.6	30
31												7.4	31
TOTAL												120.7	TOTAL
MEAN												6.03	MEAN
AC-FT												239.4	AC-FT
MAX												13.5	MAX
MIN												3.4	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 13.5 CFS

MINIMUM DAILY DISCHARGE, 3.4 CFS

LOCATION: ABOUT 200 YARDS EAST OF THE GUELPH STP,

B - ICE CORRECTIONS

BELOW THE JUNCTION OF HWYS 7 AND 24.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 6.9 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

NORTH WEST DRAIN NEAR THE GUELPH STP - STATION NO. 02GA106

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.3 B	6.3	27.5	39.2	11.5	12.3	5.9	0.0	2.3	11.9	3.3	2.2 B	01
02	5.8 B	5.9	27.7	36.5	9.8	10.8	3.1	0.0	0.0	11.0	2.8	2.4 B	02
03	5.2 B	7.1	28.9	26.1	9.8	8.9	1.2	0.0	0.0	5.7	3.8	2.4 B	03
04	4.8 B	6.5	35.4	14.0	6.8	7.2	1.2	0.0	0.15	3.6	4.9	2.4 B	04
05	4.5 B	6.5	44.6 B	7.4	5.5	5.6	1.2	0.0	0.0	3.8	8.2	2.3 B	05
06	4.3 B	6.4	24.6 B	4.8	17.3	4.7	1.2	8.9	0.0	7.5	8.1	2.3 B	06
07	4.1 B	6.3	22.0 B	3.9	31.6	3.3	3.4	19.7	0.0	9.8	0.22	2.3 B	07
08	3.9 B	6.6	19.1 B	3.8	25.6	1.7	1.2	18.6	0.0	10.6	4.2	2.0 B	08
09	3.7 B	6.7	15.7 B	2.6	18.8	1.2	1.2	9.0	0.13	10.4	8.0	3.2 B	09
10	3.6 B	7.8	12.9 B	1.5	16.7	1.4	6.3	2.4	1.9	9.3	5.3	2.9 B	10
11	3.5 B	9.7	12.0 B	1.0	12.4	1.8	1.1	0.13	0.0	9.5	7.1	3.1 B	11
12	3.4 B	8.7	11.1 B	0.61	9.1	1.5	1.1	4.4	0.0	7.4	2.6 B	12	
13	3.3 B	11.5	25.5	1.1	6.8	1.6	1.0	7.8	0.0	0.7	5.5	2.9 B	13
14	3.2 B	10.6	20.7	1.1	5.4	1.6	1.0	12.3	0.0	4.7	4.4	2.3 B	14
15	3.1 B	14.9	21.9 B	4.9	4.8	1.7	1.0	11.5	0.64	22.3	3.7	2.0 B	15
16	3.0 B	18.7	16.1 B	18.1	6.9	3.9	11.1	1.4	6.8	18.8	3.3	2.5 B	16
17	3.0 B	19.0	12.5 B	12.4	7.2	1.5	0.95	0.21	14.6	8.6	2.6	2.3 B	17
18	2.9 B	21.9	9.7 B	5.6	6.4	1.5	0.94	0.0	63.1	1.2	2.0	1.0	18
19	2.8 B	23.4	19.9	2.5	5.8	9.1	0.93	0.0	3.2	7.5	2.2	2.0 B	19
20	2.8 B	26.2	51.6	2.5	5.4	1.5	6.5	1.6	2.6	11.4	2.2 B	5.2	20
21	2.7 B	31.4	107.0	2.1	5.0	1.5	12.5	4.5	6.3	6.0	2.7 B	2.1	21
22	2.7 B	37.3	95.7	2.1	5.1	1.5	0.68	2.7	4.3	3.9	3.3 B	3.1	22
23	2.6 B	29.4	53.4	1.4	4.8	1.5	0.62	0.66	4.0	4.7	4.2 B	2.3	23
24	2.6 B	26.9	44.6	2.8	4.7	2.3	0.56	0.18	2.0	13.3	3.7	3.7 B	24
25	2.5 B	27.8	57.8	43.3	5.4	7.9	0.5	0.03	6.8	14.7	6.3	3.5 B	25
26	8.8	27.5	51.2	41.9	5.4	4.3	0.43	0.0	6.1	11.9	7.4	3.3 B	26
27	7.6	27.4	44.5	34.2	5.5	1.6	0.33	1.4	5.6	4.2	5.6	3.1 B	27
28	7.0	31.0	34.0	28.2	5.9	2.8	0.26	1.6	8.9	4.2	2.4 B	5.0 B	28
29	6.9	29.8	30.8	22.7	7.0	1.3	15.9	0.65	7.5	7.0	2.0 B	2.9 B	29
30	6.5	30.2	16.6	9.0	22.1	0.75	0.07	9.5	4.6	2.5 B	2.8 B	3.0 B	30
31	6.4		32.1		15.9		0.07	0.0		4.7		2.8 B	31
TOTAL	133.5	499.2	1040.7	384.91	297.3	129.8	84.12	109.73	156.42	252.6	127.12	89.0	TOTAL
MEAN	4.3	17.21	33.57	12.83	9.59	4.32	2.71	3.53	5.21	8.14	4.23	2.87	MEAN
AC-FT	264.79	990.16	2064.22	763.46	589.09	257.45	166.85	217.64	310.25	501.03	252.14	176.53	AC-FT
MAX	8.8	37.3	107.0	43.3	31.6	22.1	15.9	19.7	63.1	22.3	8.2	5.2	MAX
MIN	2.5	5.9	9.7	0.61	4.7	1.2	0.07	0.0	0.0	0.7	0.22	2.1	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 9.0 CFS

TOTAL DISCHARGE, 6550 AC-FT

MAXIMUM DAILY DISCHARGE, 107.0 CFS

MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: ABOUT 200 YARDS EAST OF THE GUELPH STP,
BELOW THE JUNCTION OF HYWS 7 AND 24.

B - ICE CORRECTIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.9 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

NORTH WEST DRAIN NEAR THE GUELPH STP - STATION NO. 02GA106

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.5 B	3.1 B	2.4	5.9 E	1.5								01
02	2.5 B	3.6 B	2.5	7.1 E	1.1								02
03	2.5 B	4.3 B	2.6	12.0 E	2.0								03
04	2.6 B	3.9 B	12.2	10.1 E	9.1								04
05	2.5 B	3.5 B	4.6	20.2 E	8.0								05
06	2.6 B	2.0 B	1.6	8.0	7.6								06
07	2.5 B	0.428	1.0	9.6	6.5								07
08	2.5 B	0.0 B	3.3	9.8	5.4								08
09	2.3 B	0.0 B	10.4	5.9	4.7								09
10	2.0 B	1.2 B	4.3	4.7	4.6								10
11	3.3 B	2.0 B	1.2	8.1	3.9								11
12	3.4 B	2.5 B	2.5	7.0	3.3								12
13	3.3 B	3.8 B	21.6	7.4	3.7								13
14	3.0 B	1.5 B	21.0	5.6	4.0								14
15	3.9 B	0.918	15.0 E	3.4	4.0								15
16	3.5 B	1.3 B	10.0 E	4.3	4.3								16
17	3.1 B	1.3 B	8.0 E	3.9	3.2								17
18	3.1 B	1.3 B	7.0 E	4.4	4.5								18
19	3.3 B	1.1 B	6.0 E	3.6	2.8								19
20	3.7 B	0.6 B	5.0 E	3.6	2.4								20
21	3.4 B	1.3 B	4.5 E	3.0	1.8								21
22	3.4 B	3.0 B	3.9 E	7.6	2.0								22
23	3.3 B	3.4 B	3.2 E	23.2	1.7								23
24	3.0 B	1.64 B	3.9 E	13.2	10.2								24
25	2.9 B	1.42 B	2.3 E	11.1	9.1								25
26	2.6 B	15.2 B	2.0 E	7.9	7.6								26
27	2.3 B	3.7 B	2.0 E	6.4	6.7								27
28	3.3 B	2.3	4.2 E	3.7	3.5								28
29	3.4 B	10.8 E	2.1	2.1	2.1								29
30	3.2 B	8.5 E	1.3	0.50									30
31	3.1 B		8.1 E		0.0								31
TOTAL	92.8	97.83	195.6	224.1	132.46								TOTAL
MEAN	2.99	3.49	6.3	7.47	4.27								MEAN
AC-FT	184.06	194.04	387.97	444.5	262.73								AC-FT
MAX	3.9	16.4	21.6	23.2	10.2								MAX
MIN	2.0	0.0	1.0	1.3	0.0								MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 23.2 CFS

MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: ABOUT 200 YARDS EAST OF THE GUELPH STP,
BELOW THE JUNCTION OF HYWS 7 AND 24.

B - ICE CORRECTIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.9 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

ABERFOYLE CREEK AT ABERFOYLE - STATION NO. 02GA107
DAILY DISCHARGES IN CUBIC FEET PER SECOND FOR 1975

13

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01					2.6	2.4	2.5	0.94	3.8	1.0	2.8	2.4	01	
02					2.5	2.2	2.2	1.1	3.8	1.2	4.0	2.4	02	
03					2.3	2.0	2.0	3.2	2.5	1.3	5.2	2.3	03	
04					2.0	1.9	1.9	3.7	1.7	1.5	5.5	2.2	04	
05					1.9	2.4	1.9	3.2	1.0	1.1	4.4	2.2	05	
06					3.1	3.5	2.1	2.9	0.87	0.6	3.9	2.5	06	
07					8.4	3.4	2.5	2.4	0.81	0.51	3.6	2.7	07	
08					6.4	2.9	2.0	2.2	0.88	0.47	3.9	2.6	08	
09					3.7	2.0	1.5	2.1	0.87	0.48	3.6	2.5	09	
10					2.4	1.9	1.6	1.9	0.67	0.57	5.3	2.4	10	
11					2.1	2.1	2.2	2.0	0.65	0.82	5.9	2.4	11	
12					1.8	3.8	2.1	2.0	2.0	1.1	2.7	2.3	12	
13					1.5	3.9	1.8	2.0	2.5	2.2	2.9	2.2	13	
14					1.5	3.4	1.2	2.1	2.0	2.8	2.9	2.2	14	
15					1.5	3.4	1.3	2.0	1.8	2.2	2.8	3.6	15	
16					1.2	4.1	1.2	1.9	1.7	2.1	2.7	5.2	16	
17					9.1	0.9	3.8	0.97	1.8	1.7	2.2	4.8	17	
18					11.9	0.91	4.4	0.89	1.8	1.8	2.5	4.4	18	
19					26.9	1.4	7.6	0.93	1.7	5.1	2.5	3.7	19	
20					22.0	2.8	9.0	1.7	1.7	5.8	3.6	2.3	20	
21					11.3	3.4	6.9	2.7	1.9	4.9	4.4	2.9	21	
22					6.4	3.2	5.4	2.4	2.4	3.6	3.6	2.6	22	
23					4.8	2.3	4.9	1.9	2.0	2.9	3.1	2.5	23	
24					4.7	2.5	4.5	1.7	7.8	2.0	3.0	2.1	24	
25					4.2	3.8	4.1	1.6	7.1	1.8	2.9	2.3	25	
26					3.7	3.4	3.8	1.2	4.3	1.8	2.8	2.3	26	
27					3.4	3.5	3.6	1.4	2.3	2.2	2.7	2.3	27	
28					3.3	3.0	3.4	1.8	1.6	1.7	2.6	2.4	28	
29					3.0	2.3	3.3	1.8	1.4	1.2	2.5	2.6	29	
30					2.7	2.0	3.1	1.3	2.3	1.1	2.4	3.0	30	
31						2.0		1.0	2.2		2.3		3.4	31
TOTAL					117.4	82.31	113.1	53.29	77.94	65.15	63.05	93.6	87.0	TOTAL
MEAN					8.38	2.65	3.77	1.71	2.51	2.17	2.03	3.12	2.8	MEAN
AC-FT					232.86	163.26	224.33	105.7	154.59	129.22	125.05	185.65	172.56	AC-FT
MAX					26.9	8.4	9.0	2.7	7.8	5.8	4.4	5.9	5.2	MAX
MIN					2.7	0.9	1.9	0.89	0.94	0.65	0.47	2.1	2.2	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 26.9 CFS
MINIMUM DAILY DISCHARGE, 0.47 CFS

LOCATION: AT THE CONCRETE CULVERT, ON HWY. 6, IN
THE COMMUNITY OF ABERFOYLE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 3.6 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS
E - ESTIMATED

NATURAL FLOW

ABERFOYLE CREEK AT ABERFOYLE - STATION NO. 02GA107
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.4 B	1.7 B	10.5	12.6	8.9	6.0	4.2	1.2	1.2	2.5	3.4	1.5 B	01
02	3.4 B	1.7 B	9.6	11.7	8.6	5.8	3.9	0.84	1.1	2.2	3.2	1.4 B	02
03	3.1 B	1.7 B	8.3	9.3	9.4	4.8	3.0	0.62	1.1	1.8	3.2	1.2 B	03
04	2.9 B	1.6 B	8.4	7.8	8.9	3.3	2.7	0.52	1.1	1.7 E	3.2	1.1 B	04
05	2.8 B	1.6 B	10.5	7.0	7.9	2.6	2.2	0.43	1.0	1.7 E	3.2	1.1 B	05
06	2.5 B	1.6 B	13.5	6.5	9.0	2.0	1.7	0.34	0.96	1.7 E	3.3	1.1 B	06
07	2.4 B	1.6 B	13.3	5.9	24.2	1.7	1.3	0.23	0.9	1.6 E	3.2	1.1 B	07
08	2.4 B	1.6 B	11.8	5.5	21.3	1.6	1.2	0.19	0.84	4.2	3.2	1.1 B	08
09	2.3 B	1.6 B	9.8	5.3	14.7	1.3	1.2	0.2	0.74	2.2	3.0	1.1 B	09
10	2.3 B	1.6 B	8.4	5.2	9.5	0.76	1.2	0.2	0.84	2.3	2.9	1.1 B	10
11	2.2 B	1.9	7.4	5.1	8.6	0.57	1.9	0.42	0.93	2.4	2.8	1.0 B	11
12	2.1 B	2.5	6.8	5.1	7.0	0.36	2.0	0.08	0.93	2.4	2.8	1.0 B	12
13	2.1 B	2.9	9.4	5.1	6.0	0.1	2.0	1.1	0.94	2.4	2.7	1.0 B	13
14	2.2 B	3.3	11.1	4.8	5.9	0.07	2.0	3.4	0.96	2.2	2.7	1.0 B	14
15	2.1 B	3.9	10.3	4.9	5.6	0.06	1.9	3.4	0.92	1.9	2.2	1.0 B	15
16	2.1 B	4.8	8.9	6.4	5.7	0.0	1.3	2.3	0.9	1.6	1.4	1.0 B	16
17	2.0 B	5.4	7.9	6.4	6.4	0.05	0.81	1.8	1.1	1.4	1.3	1.0 B	17
18	2.0 B	6.1	7.3	5.4	6.2	0.26	0.47	1.6	8.4	1.1	1.3	1.0 B	18
19	2.0 B	8.3	7.5	5.0	5.4	0.52	0.44	0.86	12.5	0.77	1.3	1.0 B	19
20	1.9 B	8.4 B	13.5	3.8	4.9	1.8	0.68	0.53	9.9	0.55	1.3	1.3 B	20
21	1.8 B	6.5 B	30.6	2.4	4.6	1.5	0.7	1.3	5.7	2.9	1.4	1.2 B	21
22	1.8 B	6.0 B	23.9	4.3	0.58	0.77	2.1	4.4	4.7	1.4	1.1 B	22	
23	1.8 B	6.6 B	16.3	4.6	4.3	0.42	0.78	1.6	4.1	3.7	1.4	1.0 B	23
24	1.7 B	7.4 B	14.3	4.4	4.0	0.44	0.72	1.4	3.5	3.1	1.4	1.0 B	24
25	1.7 B	7.9 B	19.2	12.4	3.7	0.67	0.68	1.4	1.7	2.7	1.5	1.0 B	25
26	2.2 B	8.4	18.4	23.2	3.8	1.4	0.65	1.2	2.7	2.5	1.6	1.0 B	26
27	2.6 B	8.7	14.2	18.8	3.7	2.1	0.62	1.1	4.7	2.3	2.8	1.0 B	27
28	2.2 B	10.3	14.0	14.8	3.5	2.0	0.57	1.2	3.9	2.2	3.2	1.0 B	28
29	2.0 B	11.0	11.3	13.0	3.3	2.5	0.51	1.3	3.2	2.2	2.3	1.0 B	29
30	1.9 B	9.3	10.3	3.2	2.8	0.78	1.5	2.7	2.4	1.8 B	1.0 B	30	
31	1.8 B		9.5		4.5		1.2	1.4		2.9		1.0 B	31
TOTAL	69.7	136.6	375.2	236.6	225.0	48.66	44.08	35.76	83.86	70.22	70.4	33.4	TOTAL
MEAN	4.24	4.71	12.1	7.88	7.25	1.62	1.42	1.15	2.79	2.26	2.34	1.07	MEAN
AC-FT	138.24	270.94	744.2	469.29	446.28	96.51	87.43	70.92	166.33	139.28	139.63	66.24	AC-FT
MAX	3.4	11.0	30.6	23.2	24.2	6.0	4.2	3.4	12.5	4.7	3.4	1.5	MAX
MIN	1.7	1.6	6.8	2.4	3.2	0.0	0.44	0.08	0.74	0.55	1.3	1.0	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 3.9 CFS
TOTAL DISCHARGE, 2840 AC-FT
MAXIMUM DAILY DISCHARGE, 30.6 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE CONCRETE CULVERT, ON HWY. 6, IN
THE COMMUNITY OF ABERFOYLE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 3.6 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS
E - ESTIMATED

NATURAL FLOW

ABERFOYLE CREEK AT ABERFOYLE - STATION NO. 02GA107
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.0 8	0.218	0.35	6.7	1.5								01
02	0.988	0.193	0.33	5.2	1.5								02
03	0.968	0.2 8	0.35	7.0	1.6								03
04	0.948	0.2 5	0.62	7.3	1.7								04
05	0.9 8	0.218	1.7	8.2	1.8								05
06	0.898	0.248	1.5	8.1	1.9								06
07	0.868	0.228	1.4	5.5	1.9								07
08	0.818	0.238	1.6	3.9	2.3								08
09	0.788	0.248	9.0 E	3.2	2.0								09
10	0.748	0.258	28.0 E	3.0	2.6								10
11	0.7 8	0.268	2.0 E	3.3	2.0								11
12	0.678	0.268	19.0 E	3.3	2.6								12
13	0.648	0.268	45.8	3.2	2.4								13
14	0.618	0.278	50.0	3.1	1.8								14
15	0.558	0.288	14.5	2.9	2.0								15
16	0.568	0.298	10.4	2.9	2.1								16
17	0.548	0.3 8	7.4	2.9	2.2								17
18	0.528	0.318	5.7	2.9	2.8								18
19	0.5 8	0.328	4.1	2.9	2.9								19
20	0.488	0.338	4.0	3.0	2.5								20
21	0.468	0.358	4.0	3.1	2.1								21
22	0.448	0.368	3.6	4.7	1.7								22
23	0.428	0.38	3.0	12.2	1.6								23
24	0.418	0.45	2.9	16.9	2.4								24
25	0.4 8	0.44	2.5	13.0	0.3								25
26	0.398	0.39	2.3	7.3	5.1								26
27	0.348	0.42	2.4	4.5	3.6								27
28	0.318	0.41	2.2	3.4	2.7								28
29	0.288		5.3	2.7	1.5								29
30	0.258		8.1	1.7	1.6								30
31	0.238		7.8		1.6								31
TOTAL	18.6	8.25	251.85	158.0	73.4								TOTAL
MEAN	0.6	0.29	8.12	5.26	2.36								MEAN
AC-FT	36.89	16.36	499.54	313.39	145.58								AC-FT
MAX	1.0	0.45	45.8	16.9	6.3								MAX
MIN	0.23	0.19	0.33	1.7	1.5								MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 45.8 CFS

MINIMUM DAILY DISCHARGE, 0.19 CFS

LOCATION: AT THE CONCRETE CULVERT, ON HWY. 6, IN
THE COMMUNITY OF ABERFOYLE.B - ICE CORRECTIONS
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 3.6 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

ABERFOYLE CREEK TRIBUTARY NEAR ABERFOYLE - STATION NO. 02GA108

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01					9.3	4.1	1.9	2.1	5.6	3.4	4.6	7.9	01
02					8.9	3.6	1.9	2.1	4.6	3.5	6.0	6.2	02
03					8.7	3.4	1.9	3.4	3.7	3.3	8.8	5.2	03
04					10.9	3.3	1.8	3.1	3.3	3.3	7.6	4.6	04
05					11.2	4.2	1.7	2.7	3.1	3.2	5.3	4.8	05
06					23.5	4.2	1.7	2.7	3.1	3.1	4.5	14.4	06
07					31.7	3.8	1.7	2.6	3.0	3.1	4.5	12.3	07
08					22.6	3.5	1.7	2.5	2.9	3.0	4.9	6.8	08
09					15.5	3.2	1.6	2.5	2.9	3.1	4.4	5.4	09
10					12.3	3.2	1.7	2.5	2.8	3.2	3.4	5.0	10
11					10.0	3.3	2.0	2.6	3.1	3.2	10.8	4.4	11
12					9.4	4.4	1.9	2.6	4.8	3.2	8.5	4.0	12
13					9.4	3.8	1.8	2.8	3.7	4.2	7.3	3.5	13
14					7.8	3.4	2.1	2.8	3.5	4.1	5.9	6.2	14
15					6.8	3.3	1.9	2.7	3.3	3.7	5.1	25.6	15
16					6.5	3.7	1.9	2.7	3.2	3.5	4.8	16.9	16
17				21.3	6.3	3.3	1.9	2.8	3.2	3.5	4.8	8.0	17
18				22.5	5.0	3.4	1.9	2.8	3.9	4.1	4.5	5.3	18
19				44.1	3.6	11.1	2.2	2.7	8.8	3.9	4.3	4.6	19
20				38.7	4.0	6.9	2.3	2.7	6.8	7.3	4.3	4.6	20
21				33.4	4.5	3.9	2.5	2.9	5.2	5.7	4.5	4.4	21
22				30.2	4.5	3.3	2.2	3.0	4.3	4.6	4.4	4.2	22
23				28.2	4.3	3.0	2.1	2.8	4.0	4.0	4.5	4.0	23
24				28.6	6.1	2.8	2.1	16.6	3.7	3.8	4.8	3.5	24
25				27.1	9.4	2.6	2.1	7.5	3.5	3.8	4.7	3.7	25
26				24.6	7.4	2.5	2.1	4.4	3.5	3.7	4.8	3.6	26
27				22.5	5.5	2.4	2.1	3.5	3.5	3.6	5.2	3.5	27
28				18.9	4.4	2.3	2.2	2.2	3.4	3.6	6.0	3.4	28
29				13.1	3.9	2.2	2.1	3.5	3.2	3.5	6.1	3.3	29
30				8.6	3.6	2.1	2.1	4.2	3.2	3.4	8.4	3.4	30
31				3.9		2.1		3.7		3.4		3.4	31
TOTAL				361.8	280.7	110.2	61.2	108.7	116.3	116.0	177.7	196.3	TOTAL
MEAN				25.84	9.05	3.67	1.97	3.5	3.89	3.74	5.92	6.33	MEAN
AC-FT				717.63	556.76	218.58	121.39	215.6	231.67	230.08	352.46	389.36	AC-FT
MAX				44.1	31.7	11.1	2.5	16.6	8.8	7.3	13.4	25.6	MAX
MIN				8.6	3.6	2.1	1.6	2.1	2.8	3.0	4.3	3.3	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 44.1 CFS

MINIMUM DAILY DISCHARGE, 1.6 CFS

LOCATION: AT THE PRIVATE ROAD BRIDGE, LOT 22, CONC. 7,
TOWNSHIP OF PUSHLINCH, IN THE COMMUNITY OF ABERFOYLE.

B - ICE CORRECTIONS

TYPE OF GAUGE: CONTINUOUS RECORDING.

E - ESTIMATED

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.4 B	5.8 B	15.0 B	30.1	13.9	8.9	7.3	3.4	3.2	4.4	5.3	5.2 B	01
02	4.0 B	5.8 B	13.2 B	29.0	13.3	7.5	7.0	3.1	3.2	4.3	4.5	4.7 B	02
03	3.6 B	5.7 B	12.3 B	24.6	13.9	5.9	6.3	2.9	3.1	4.3	4.3	4.4 B	03
04	3.4 B	5.7 B	11.6 B	19.6	11.4	5.1	6.1	2.8	3.3	4.4	4.1	4.2 B	04
05	3.2 B	5.6 B	13.0 B	15.6	9.6	4.9	5.6	2.7	3.4	4.4	4.0	4.0 B	05
06	3.1 B	5.6 B	32.5 B	13.6	14.4	4.8	5.0	2.6	3.3	4.7	4.1	3.9 B	06
07	2.9 B	5.5 B	25.0 B	12.1	33.8	4.6	4.8	2.8	3.3	5.9	4.0	4.8 B	07
08	2.8 B	5.4 B	21.0 B	10.7	32.3	4.6	4.9	2.9	3.1	5.1	3.9	5.4 B	08
09	2.7 B	5.3 B	19.3 B	9.9	26.5	4.4	4.9	3.1	3.3	5.1	3.8	4.7 B	09
10	2.6 B	5.2 B	14.5 B	9.5	20.1	4.3	4.7	3.2	3.6	6.2	3.8	3.8 B	10
11	2.6 B	5.6 B	11.0 B	8.5	15.5	4.2	4.7	3.3	3.5	5.6	3.7	3.7 B	11
12	2.5 B	6.0 B	10.7 B	7.7	13.7	4.1	4.7	3.7	3.4	5.4	3.5	3.6 B	12
13	2.4 B	7.0 B	25.5 B	7.6	11.0	4.0	4.6	5.1	3.3	5.2	3.5	3.5 B	13
14	2.4 B	8.0 B	22.0 B	7.3	9.6	4.3	4.4	9.2	3.2	5.2	3.5	3.5 B	14
15	2.3 B	10.0 B	16.5 B	9.0	9.1	4.5	4.2	7.2	3.5	5.1	3.4	4.6 B	15
16	2.3 B	14.7 B	12.2 B	12.3	9.4	4.7	4.1	4.7	3.6	4.8	3.4	4.1 B	16
17	2.2 B	17.3 B	9.5 B	11.3	11.0	4.7	4.0	3.8	5.3	4.7	3.5	3.9 B	17
18	2.2 B	23.5 E	7.9 B	9.5	10.3	4.5	3.9	3.4	32.9	4.7	3.8	3.7 B	18
19	2.1 B	32.5 E	11.0 B	7.6	9.3	5.3	3.5	3.2	22.8	4.9	4.0	3.6 B	19
20	2.1 B	27.0 E	36.2	6.1	8.4	7.1	3.3	3.1	7.5	7.8	4.1	6.0 B	20
21	2.0 B	24.0 B	43.7	5.5	7.6	6.3	3.2	2.9	5.1	11.4	4.1	6.3 B	21
22	2.0 B	15.5 B	40.2	6.6	7.1	5.3	3.3	2.8	5.1	8.4	4.1	5.0 B	22
23	2.0 B	10.3 B	37.9	5.8	6.7	4.8	3.2	2.7	5.3	6.7	4.0	4.4 B	23
24	1.9 B	13.5 B	35.0 E	6.6	6.3	4.6	3.2	2.8	4.7	6.0	4.0	3.8 B	24
25	1.9 B	31.2 B	40.5 E	27.7	6.2	6.3	3.1	2.9	4.4	5.8	4.0	3.7 B	25
26	4.6 B	27.1 B	40.0	35.5	6.2	6.4	3.0	3.0	4.8	5.1	8.3	3.6 B	26
27	9.2 B	23.1 B	36.0	32.2	5.9	6.8	2.9	3.1	5.6	4.5	18.1	3.6 B	27
28	7.8 B	21.0 B	34.6	28.7	5.7	5.7	2.9	3.4	4.9	4.3	14.4 B	3.5 B	28
29	6.7 B	18.0 B	28.9	24.0	5.4	5.5	3.1	3.6	4.5	4.2	8.8 B	3.5 B	29
30	6.2 B		23.8	18.1	5.3	5.7	3.6	3.3	4.5	4.2	6.1 B	3.5 B	30
31	6.0 B		24.0		7.3		3.6	3.3		5.8		3.5 B	31
TOTAL	106.1	390.9	724.5	452.3	366.2	159.8	133.1	110.0	170.7	168.6	154.1	129.7	TOTAL
MEAN	3.42	13.47	23.37	15.07	11.81	5.32	4.29	3.54	5.69	5.43	5.13	4.18	MEAN
AC-FT	210.44	775.35	1437.04	897.13	726.35	310.96	264.0	218.18	338.58	334.41	305.65	257.25	AC-FT
MAX	9.2	32.5	43.7	35.5	33.8	8.9	7.3	9.2	32.9	11.4	18.1	6.3	MAX
MIN	1.9	5.2	7.9	5.5	5.3	4.0	2.9	2.6	3.1	4.2	3.4	3.5	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 8.4 CFS

TOTAL DISCHARGE, 6080 AC-FT

MAXIMUM DAILY DISCHARGE, 43.7 CFS

MINIMUM DAILY DISCHARGE, 1.9 CFS

LOCATION: AT THE PRIVATE ROAD BRIDGE, LOT 22, CONC. 7,

B - ICE CORRECTIONS

TOWNSHIP OF PUSHLINC, IN THE COMMUNITY OF ABERFOYLE.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

ABERFOYLE CREEK TRIBUTARY NEAR ABERFOYLE - STATION NO. 02GA108

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.4 B	3.8 B	6.2 B	20.2	12.0	7.2	7.1	7.8	7.8	14.6	4.7	16.3	01
02	3.4 B	3.8 B	6.8 B	18.1	12.6	7.3	7.0	7.9	17.3	4.5	16.0	02	
03	3.4 B	3.6 B	7.0 B	24.5	11.0	7.1	7.0	7.9	8.4	4.5	12.6	03	
04	3.4 B	3.6 B	10.0 B	21.7	10.4	7.0	7.0	7.3	6.3	4.8	10.4	04	
05	3.4 B	3.5 B	42.2 B	27.5	10.9	6.9	7.0	7.4	5.5	4.5	10.8	05	
06	3.4 B	3.5 B	31.7 B	24.4	10.8	7.5	9.6	7.6	7.8	5.0	4.3	12.9	06
07	3.5 B	3.5 B	19.8 B	19.6	9.3	7.4	12.6	7.5	4.6	6.8	10.3	07	
08	3.5 B	3.5 B	12.9 B	16.8	8.1	7.1	11.4	8.8	10.0	9.9	8.6	08	
09	3.5 B	3.4 B	21.0 B	15.0	7.9	7.0	8.1	8.8	7.3	28.0	6.4	10.1	09
10	3.5 B	3.4 B	25.8	13.7	7.7	7.0	7.4	8.7	7.3	19.4	10.5	10	
11	3.6 B	3.4 B	37.3	12.7	7.7	6.9	7.3	8.2	7.0	12.0	12.6	11	
12	3.5 B	3.4 B	37.1	11.7	7.6	7.0	7.4	7.9	6.8	11.3	9.7	12	
13	3.6 B	3.4 B	53.4	10.4	7.6	7.1	7.4	7.7	8.9	6.9	13		
14	3.6 B	3.4 B	45.3	9.7	7.5	7.1	7.3	7.9	7.2	5.4	17.7	14	
15	3.6 B	3.4 B	38.7	9.0	7.4	7.1	7.2	7.7	6.7	5.1	21.0	15	
16	3.6 B	3.4 B	34.6	8.8	7.4	7.0	7.4	8.8	7.6	7.9	8.3	18.0	16
17	3.6 B	3.4 B	28.5	8.8	7.4	7.4	7.4	11.0	7.8	6.9	12.1	16.6	17
18	3.6 B	3.4 B	23.8	9.2	7.9	7.9	7.3	8.6	8.1	6.2	11.0	15.7	18
19	3.7 B	3.4 B	21.6	9.0	7.6	7.6	7.3	8.0	8.2	5.5	10.1	16.9	19
20	3.6 B	3.4 B	20.4	8.9	7.4	7.2	7.3	7.9	9.2	5.2	9.0	16.2	20
21	3.7 B	3.4 B	21.8	8.7	7.3	7.0	7.3	8.5	7.2	5.3	10.0	15.2	21
22	3.7 B	3.4 B	17.6	7.2	6.9	7.3	14.3	6.2	5.9	7.7	14.3	22	
23	3.7 B	3.4 B	21.8	43.7	7.1	6.9	7.2	9.5	5.7	5.4	7.5	13.9	23
24	3.8 B	5.9 B	21.5	47.4	9.5	6.9	7.3	9.0	10.2	5.7	11.0	13.7	24
25	3.8 B	18.2 B	21.2	40.0	12.0	7.4	7.3	8.4	29.9	5.5	8.3	20.0	25
26	3.8 B	17.1 B	21.0	33.1	8.3	7.1	7.3	8.2	29.4	5.4	8.1	26	
27	3.8 B	10.9 B	20.7	27.1	7.8	6.9	7.3	7.9	19.4	5.8	4.9	27	
28	3.8 B	7.9 B	20.9	21.2	7.5	6.9	7.3	7.9	5.7	4.8	4.8	28	
29	3.8 B		26.3	16.0	7.0	7.4	7.3	7.9	6.7	5.4	4.8	29	
30	3.8 B		26.4	12.6	7.0	7.4	7.3	8.0	6.5	5.1	5.1	30	
31	3.8 B		24.6		7.0		7.6	7.8		4.7		31	
TOTAL	111.9	139.8	772.2	567.1	263.9	214.4	238.0	259.7	283.9	256.4	223.3	307.2	TOTAL
MEAN	3.6	4.99	24.9	18.9	8.51	7.14	7.67	8.37	9.46	8.27	7.44	14.62	MEAN
AC-FT	221.95	277.29	1531.65	1124.84	523.44	425.26	472.07	515.11	563.11	508.56	442.91	609.33	AC-FT
MAX	3.8	18.2	53.4	47.4	14.6	7.9	12.6	14.3	29.9	28.0	12.6	21.0	MAX
MIN	3.4	3.4	6.2	8.7	7.0	6.9	7.0	7.3	5.7	4.6	4.3	8.6	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 53.4 CFS

MINIMUM DAILY DISCHARGE, 3.4 CFS

LOCATION: AT THE PRIVATE ROAD BRIDGE, LOT 22, CONC. 7,

B - ICE CORRECTIONS

TOWNSHIP OF PUSHLINC, IN THE COMMUNITY OF ABERFOYLE.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

ABERFOYLE CREEK BELOW ABERFOYLE - STATION NO. 02GA109
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				17.6	16.0	13.0	7.3	5.2	15.1	9.7	10.1	16.4	01
02				17.5	16.4	12.8	7.0	3.7	15.1	9.9	13.2	14.5	02
03			15.9 B	16.7	12.2		7.2	8.9	11.8	6.7	18.8	13.7	03
04			14.3 B	19.2	11.1		6.9	9.2	10.1	7.4	19.1	12.3 B	04
05			13.0 B	20.8	14.7		4.9	7.3	9.4	9.4	16.1	12.6	05
06			11.8 B	34.2	14.7		4.3	7.9	8.4	9.0	12.9	21.3	06
07			12.9	51.1	12.0		5.8	7.6	7.7	8.2	12.1	18.2 B	07
08			16.0	37.8	11.4		7.3	6.6	7.0	8.4	12.8	16.1 B	08
09			18.6	25.4	9.8		6.0	5.7	7.5	7.9	12.2	14.7	09
10			22.1	19.0	9.1		6.1	5.0	8.2	7.4	21.0	14.0	10
11			23.8	16.5	9.3		7.4	5.2	8.2	8.6	25.9	13.4	11
12			24.5	15.8	14.0		7.3	5.6	12.9	7.7	17.0	13.2	12
13			23.2	16.4	12.7		6.5	5.8	11.0	10.2	14.9	12.8	13
14		16.7	21.4	16.0	10.4		5.9	6.2	10.4	12.7	14.2	15.2	14
15		16.1	23.3	15.9	9.2		6.9	6.4	8.7	11.8	13.9	31.3	15
16		11.9	23.8	14.4	11.3		7.9	5.7	9.2	10.8	12.5	31.0	15
17		13.6	27.4	12.5	9.7		7.3	5.2	8.7	9.9	12.5	22.5	17
18		20.4	32.4	10.8	10.2		6.8	4.9	8.5	11.1	11.9	18.2 B	18
19		40.5	79.0	8.5	22.3		6.1	4.9	23.2	10.8	12.0	15.4 B	19
20		65.1	74.0	10.1	21.7		6.5	4.5	21.3	14.8	10.7	14.6 B	20
21		65.1	51.8	12.8	14.0		8.3	5.8	17.1	16.5	10.8	14.1 B	21
22		60.8	38.0	13.4	10.6		7.3	7.1	13.0	13.7	10.8	13.8 B	22
23		52.5	29.9	13.0	9.2		7.1	5.9	11.6	11.8	10.2	13.3 B	23
24		46.3	31.5	13.3	8.7		6.8	3.6	11.1	10.6	11.5	12.8 B	24
25		36.1 B	27.8	20.5	8.5		6.6	20.5	9.5	10.4	12.7	12.5 B	25
26		26.9 B	22.3	17.5	8.2		5.7	15.1	9.2	9.8	11.5	12.0 B	26
27		20.6 B	18.7	17.1	8.3		4.5	11.5	9.0	9.5	13.1	11.5 B	27
28		18.7 B	17.5	14.5	7.3		5.0	8.9	9.6	9.7	13.5	11.3	28
29		19.9	17.2	13.0	6.6		4.8	8.9	8.7	9.5	14.1	10.9	29
30		20.4	16.1	12.3	6.6		5.9	11.1	8.8	8.8	16.5	12.2	30
31		18.0 B		13.0			5.3	10.4		8.5		14.5	31
TOTAL		569.6	783.3	553.9	339.6	198.7	266.3	330.0	313.2	418.5	480.3	TOTAL	
MEAN		31.64	26.11	17.86	11.32	6.4	8.59	11.0	10.1	13.95	15.49	MEAN	
AC-FT		1129.8	1553.67	1098.66	673.59	394.12	528.2	654.55	621.23	830.09	952.67	AC-FT	
MAX		65.1	79.0	51.1	22.3	8.3	33.6	23.2	16.5	25.9	31.3	MAX	
MIN		11.9	11.8	8.5	6.6	4.3	3.7	7.0	7.4	10.1	10.9	MIN	

SUMMARY FOR THE YEAR 1975

FOR DISCHARGE, CFS
TOTAL DISCHARGE, AC-FTMAXIMUM DAILY DISCHARGE, 79.0 CFS
MINIMUM DAILY DISCHARGE, 3.7 CFSLOCATION: AT THE FIRST BRIDGE SOUTH OF REGIONAL ROAD 34,
AT LOT 26 CONC. 2, ABOUT 1.5 MILES WEST OF ABERFOYLEB - ICE CORRECTIONS
E - ESTIMATEDTYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 16 SQUARE MILES.NATURAL FLOW
REMARKS: NATURAL STREAMBED CONTROL.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	14.0 B	15.3 B	34.9	51.3	25.3	20.2	19.9	7.8	8.8	10.1	14.0	12.8 B	01
02	14.0 B	15.1 B	26.2 B	46.3	24.0	17.1	17.0	7.7	8.5	8.8	13.6	12.0 B	02
03	13.9 B	15.0 B	23.0 B	38.7	25.8	14.9	14.7	7.2	8.0	7.2	13.1	11.1 B	03
04	13.9 B	15.0 B	22.1 B	33.3	24.0	12.2	14.8	7.4	7.8	8.1	12.9	10.6 B	04
05	13.8 B	14.9 B	24.6 B	29.2	21.7	10.5	12.6	7.4	7.8	8.4	12.8	10.1 B	05
06	13.8 B	14.8 B	47.5 B	26.3	26.9	9.7	11.9	6.8	8.0	9.4	12.6	10.0 B	06
07	13.7 B	14.7 B	40.0 B	24.4	62.6	8.6	11.4	6.8	8.0	13.0	12.3	10.1 B	07
08	13.7 B	14.6 B	35.0 B	22.8	52.0	9.6	11.8	7.6	7.6	13.8	11.8	10.0 B	08
09	13.6 B	14.5 B	30.4 B	21.7	38.0	9.0	9.8	8.1	7.3	12.6	11.3	9.5 B	09
10	13.6 B	14.4 B	25.7 B	20.6	30.3	8.0	10.0	7.9	8.6	13.4	11.6	9.1 B	10
11	13.5 B	14.7 B	20.6 B	19.7	26.0	7.7	9.9	8.3	8.4	12.4	11.7	8.9 B	11
12	13.5 B	14.8 B	19.4 B	19.1	24.3	8.0	9.4	8.9	8.1	11.9	11.5	8.4 B	12
13	13.5 B	15.3 B	36.8 B	19.5	22.1	5.4	9.2	13.1	7.7	11.5	11.5	8.9 B	13
14	13.4 B	18.5 B	34.3 B	17.9	19.7	5.9	9.9	23.8	7.3	11.3	11.4	10.1 B	14
15	13.4 B	24.1	31.7 B	20.1	17.3	6.4	10.8	22.1	7.2	11.2	10.9	14.9 B	15
16	13.4 B	29.5	27.9 B	23.9	17.6	7.0	11.2	15.4	7.3	10.9	9.3	10.4 B	16
17	13.3 B	29.0	23.7 B	23.5	20.6	6.9	9.3	11.9	10.9	10.5	9.7	7.3 B	17
18	13.3 B	31.0	23.3 B	20.7	21.4	6.6	8.4	10.4	49.5	10.1	9.9	7.4 B	18
19	13.2 B	41.2	25.1 B	20.3	19.1	9.3	6.8	10.4	43.3	10.1	10.3	7.6 B	19
20	13.2 B	37.9	54.2	17.0	19.3	12.3	6.7	8.6	26.8	13.2	10.5	9.0 B	20
21	13.1 B	32.7 B	92.5	13.9	17.3	12.8	8.4	9.6	17.1	18.7	10.5	24.5 B	21
22	13.1 B	31.4 B	75.6	16.1	15.5	12.3	7.5	8.5	15.2	19.8	10.5	15.1 B	22
23	13.0 B	30.7 B	56.1	16.0	12.8	10.1	7.2	7.9	15.1	16.8	10.3	12.0 B	23
24	13.0 B	31.1 B	50.8	15.0	12.5	9.9	6.7	7.8	13.8	15.1	10.1	11.0 B	24
25	13.0 B	53.4 B	61.3	47.1	13.9	15.5	6.1	7.5	10.2	14.3	10.0	10.7 B	25
26	18.6 B	41.0	60.3	66.8	14.9	13.4	5.8	7.5	11.3	13.2	13.6	10.0 B	26
27	21.5 B	42.3	52.4	55.8	14.9	13.8	5.7	8.4	16.6	12.3	22.8	9.8 B	27
28	18.0 B	41.8	51.9	46.4	12.6	11.0	5.9	9.5	14.3	11.7	21.1	9.8 B	28
29	17.0 B	37.5	42.8	38.7	11.0	13.0	9.6	10.4	12.6	11.6	16.5 B	9.7 B	29
30	16.3 B		35.8	32.0	10.5	15.9	8.7	9.1	11.6	11.6	13.9 B	9.7 B	30
31	15.8 B		38.5		15.5		8.2	8.8		14.0		9.7 B	31
TOTAL	444.1	726.2	1224.4	864.1	693.2	323.6	305.3	302.6	394.7	377.0	372.0	328.0	TOTAL
MEAN	14.32	25.04	39.49	28.8	22.36	10.78	9.84	9.76	13.15	12.16	12.4	10.58	MEAN
AC-FT	880.87	1440.41	2428.59	1713.94	1374.96	641.86	605.56	600.2	782.88	747.77	737.86	650.58	AC-FT
MAX	21.5	42.3	92.5	66.8	62.6	20.2	19.9	23.8	49.5	19.8	22.8	24.5	MAX
MIN	13.0	14.4	19.4	13.9	10.5	5.4	5.7	6.8	7.2	7.2	9.3	7.2	MIN

SUMMARY FOR THE YEAR 1976
MEAN DISCHARGE, 17.4 CFS
TOTAL DISCHARGE, 12600 AC-FT
MAXIMUM DAILY DISCHARGE, 92.5 CFS
MINIMUM DAILY DISCHARGE, 5.4 CFS

LOCATION: AT THE FIRST BRIDGE SOUTH OF REGIONAL ROAD 34,
AT LOT 26 CONC. 2, ABOUT 1.5 MILES WEST OF ABERFOYLE

B - ICE CORRECTIONS
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 16 SQUARE MILES.

NATURAL FLOW
REMARKS: NATURAL STREAMBED CONTROL.

ABERFOYLE CREEK BELOW ABERFOYLE - STATION NO. 02GA109

17

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	8.8 B	5.5 B	10.0 B	26.0	16.1								01
02	8.6 B	5.5 B	10.4 B	21.8	16.2								02
03	8.4 B	5.5 B	10.6 B	28.6	15.8								03
04	8.2 B	5.5 B	15.0 B	27.9	15.5								04
05	8.0 B	5.4 B	64.0 B	35.2	15.9								05
06	7.8 B	5.4 B	48.0 B	32.2	14.8								06
07	7.7 B	5.4 B	30.0 B	26.1	13.1								07
08	7.6 B	5.4 B	19.5 B	22.3	11.3								08
09	7.4 B	5.3 B	31.8	19.9	11.9								09
10	7.3 B	5.3 B	54.9	18.9	13.6								10
11	7.2 B	5.3 B	60.7	19.3	14.3								11
12	7.0 B	5.3 B	57.5	19.3	13.3								12
13	6.9 B	5.3 B	127.0	18.7									13
14	6.8 B	5.3 B	104.0	17.5									14
15	6.7 B	5.3 B	66.1	15.7									15
16	6.6 B	5.3 B	50.4	14.2									16
17	6.5 B	5.3 B	35.8	14.0									17
18	6.4 B	5.2 B	27.0	15.0									18
19	6.3 B	5.2 B	21.0	15.4									19
20	6.2 B	5.2 B	20.4	14.5									20
21	6.1 B	5.2 B	22.9	14.4									21
22	6.0 B	5.2 B	23.3	20.5									22
23	6.0 B	5.2 B	20.0	52.9									23
24	5.9 B	8.9 B	19.1 B	72.4									24
25	5.8 B	27.5 B	17.1 B	51.7									25
26	5.8 B	25.9 B	16.1	38.0									26
27	5.8 B	16.5 B	16.6	29.5									27
28	5.7 B	12.0 B	20.6	23.7									28
29	5.6 B		30.7	21.2									29
30	5.6 B		33.8	18.1									30
31	5.6 B		32.7										31
TOTAL	210.3	213.3	1117.0	764.9	172.8								TOTAL
MEAN	6.78	7.61	36.03	25.49	14.4								MEAN
AC-FT	417.13	423.08	2215.56	1517.17	342.74								AC-FT
MAX	8.8	27.5	127.0	72.4	16.2								MAX
MIN	5.6	5.2	10.0	14.0	11.3								MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 127.0 CFS
 MINIMUM DAILY DISCHARGE, 5.2 CFS

LOCATION: AT THE FIRST BRIDGE SOUTH OF REGIONAL ROAD 34,
 AT LOT 26 CONC. 2, ABOUT 1.5 MILES WEST OF ABERFOYLE.
 TYPE OF GAUGE: CONTINUOUS RECORDING
 DRAINAGE AREA: 16 SQUARE MILES
 REMARKS: NATURAL STREAMBED CONTROL

B - ICE CONDITIONS
 E - ESTIMATED

NATURAL FLOW

SPEED RIVER NEAR GLEN CHRISTIE - STATION NO. 02GA110

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				339.0	235.0	137.0	69.7	55.3	150.0	88.8	117.0	218.0	01
02				320.0	247.0	137.0	65.4	52.1	147.0	90.7	117.0	264.0	02
03				232.0	242.0	132.0	62.8	110.0	137.0	89.8	140.0	195.0	03
04				209.0	250.0	128.0	61.5	90.4	125.0	82.2	147.0	161.0	04
05				266.0	303.0	152.0	54.0	87.2	111.0	77.0	162.0	165.0	05
06				274.0	401.0	136.0	50.8	80.0	100.0	76.3	161.0	224.0	06
07				267.0	531.0	142.0	53.7	67.7	91.2	69.6	159.0	269.0	07
08				276.0	466.0	135.0	55.4	62.5	89.1	70.4	174.0	264.0	08
09				323.0	329.0	128.0	52.4	56.5	83.1	76.9	161.0	195.0	09
10				383.0	280.0	119.0	79.2	49.5	81.4	75.0	240.0	173.0	10
11				406.0	237.0	113.0	72.2	49.7	88.5	71.2	255.0	157.0	11
12				453.0	209.0	133.0	66.5	52.0	92.4	68.1	255.0	150.0	12
13				453.0	207.0	136.0	63.6	56.0	81.9	97.3	206.0	175.0	13
14				436.0	193.0	128.0	94.7	53.7	82.9	98.1	183.0	160.0	14
15				557.0	190.0	127.0	73.8	51.3	87.2	101.0	169.0	313.0	15
16				653.0	182.0	157.0	71.2	68.8	107.0	98.1	145.0	409.0	16
17				774.0	180.0	159.0	66.9	46.9	94.9	103.0	128.0	314.0	17
18				1060.0	172.0	179.0	97.1	48.3	109.0	106.0	95.5	196.0	18
19				3530.0	165.0	443.0	100.0	45.9	142.0	98.9	83.4	169.0	19
20				2900.0	166.0	418.0	106.0	43.7	191.0	137.0	83.7	136.0	20
21				1520.0	137.0	302.0	120.0	56.0	177.0	132.0	129.0	128.0	21
22				862.0	132.0	216.0	95.7	47.5	166.0	152.0	126.0	123.0	22
23				615.0	130.0	165.0	90.9	46.3	157.0	156.0	125.0	121.0	23
24				595.0	105.0	128.0	81.6	289.0	137.0	135.0	127.0	118.0	24
25				570.0	206.0	119.0	72.7	197.0	126.0	114.0	115.0	114.0	25
26				474.0	173.0	106.0	67.6	148.0	111.0	107.0	114.0	114.0	26
27				405.0	162.0	101.0	77.8	163.0	104.0	109.0	118.0	116.0	27
28				328.0	150.0	94.2	74.8	120.0	97.6	102.0	121.0	118.0	28
29				299.0	131.0	86.1	64.0	130.0	97.5	95.9	132.0	123.0	29
30				272.0	118.0	78.4	62.5	125.0	93.9	101.0	146.0	126.0	30
31				139.0			62.2	130.0		94.9		130.0	31
TOTAL				20051.0	6807.0	4734.7	2286.7	2679.3	3458.6	3074.2	4434.6	5638.0	TOTAL
MEAN				668.36	219.58	157.82	73.76	86.42	115.28	99.16	147.82	181.87	MEAN
AC-FT				39771.15	13501.68	9391.27	4535.66	5314.39	6860.13	6097.67	8796.02	11182.97	AC-FT
MAX				3530.0	531.0	443.0	120.0	289.0	191.0	156.0	255.0	409.0	MAX
MIN				209.0	118.0	78.4	50.8	43.7	81.4	68.1	83.4	114.0	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 3530.0 CFS
 MINIMUM DAILY DISCHARGE, 43.7 CFS

LOCATION: EAST OF GLEN CHRISTIE, AT THE FIRST BRIDGE
 SOUTH OF HWY. 24, ON REGIONAL ROAD 32, GUELPH TOWNSHIP.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 241 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS
 E - ESTIMATED

NATURAL FLOW

SPEED RIVER NEAR GLEN CHRISTIE - STATION NO. 02GA110

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	208.0 B	173.0 B	804.0	1050.0	608.0	254.0	233.0	110.0	136.0	213.0	315.0	190.0 B	01
02	188.0 B	170.0 B	793.0	1100.0	521.0	268.0	253.0	117.0	126.0	205.0	309.0	185.0 B	02
03	168.0 B	170.0 B	846.0	994.0	506.0	235.0	228.0	108.0	123.0	194.0	323.0	180.0 B	03
04	158.0 B	170.0 B	984.0	809.0	411.0	210.0	207.0	115.0	122.0	193.0	292.0	175.0 B	04
05	162.0 B	168.0 B	986.0	648.0	316.0	188.0	174.0	110.0	114.0	189.0	294.0	170.0 B	05
06	160.0 B	169.0 B	1060.0	556.0	440.0	170.0	152.0	115.0	117.0	226.0	287.0	173.0 B	06
07	169.0 B	166.0 B	1170.0	479.0	864.0	154.0	140.0	121.0	116.0	231.0	278.0	175.0 B	07
08	139.0 B	165.0 B	939.0	432.0	1070.0	134.0	176.0	112.0	114.0	239.0	278.0	190.0 B	08
09	133.0 B	167.0 B	970.0	348.0	906.0	128.0	197.0	104.0	114.0	246.0	267.0	145.0 B	09
10	131.0 B	174.0 B	913.0	323.0	663.0	121.0	212.0	92.3	132.0	240.0	253.0	146.0 B	10
11	130.0 B	179.0	696.0	305.0	536.0	117.0	200.0	94.7	121.0	228.0	194.0	129.0 B	11
12	128.0 B	187.0	444.0	292.0	458.0	112.0	190.0	103.0	114.0	223.0	186.0	120.0 B	12
13	127.0 B	197.0	795.0	279.0	413.0	115.0	178.0	114.0	117.0	214.0	181.0	113.0 B	13
14	128.0 B	204.0	790.0	267.0	366.0	138.0	155.0	223.0	115.0	217.0	174.0	110.0 B	14
15	127.0 B	239.0	807.0	316.0	334.0	241.0	142.0	354.0	113.0	227.0	208.0	111.0 B	15
16	127.0 B	302.0	846.0	704.0	534.0	311.0	150.0	279.0	118.0	213.0	191.0	108.0 B	16
17	126.0 B	408.0	867.0	883.0	400.0	254.0	136.0	256.0	183.0	195.0	172.0	107.0 B	17
18	130.0 B	441.0	718.0	751.0	463.0	204.0	123.0	245.0	499.0	193.0	174.0	106.0 B	18
19	130.0 B	380.0	733.0	548.0	443.0	200.0	115.0	426.0	369.0	197.0	165.0	105.0 B	19
20	147.0 B	376.0	1140.0	404.0	376.0	175.0	107.0	136.0	298.0	249.0	141.0	134.0 B	20
21	146.0 B	380.0	1780.0	338.0	315.0	162.0	122.0	121.0	248.0	252.0	142.0	122.0 B	21
22	142.0 B	400.0	1730.0	305.0	288.0	149.0	113.0	121.0	268.0	305.0	141.0	118.0 B	22
23	140.0 B	390.0	1320.0	294.0	264.0	134.0	116.0	122.0	275.0	390.0	149.0	116.0 B	23
24	145.0 B	416.0	1150.0	301.0	243.0	120.0	115.0	123.0	217.0	385.0	141.0	115.0 B	24
25	152.0 B	429.0	1190.0	698.0	249.0	187.0	106.0	120.0	204.0	379.0	158.0	115.0 B	25
31	205.0 B		904.0		234.0		99.0	118.0		324.0		110.0 B	31
TOTAL	4800.0	9384.0	30324.0	18213.0	13006.0	5506.0	4604.5	4667.0	5561.0	7988.0	6405.0	4128.0	TOTAL
MEAN	155.03	323.58	978.19	607.1	419.54	185.53	148.53	150.54	185.36	257.67	213.5	133.16	MEAN
AC-FT	9532.7	18613.16	60147.65	36125.48	25797.4	10921.15	9133.02	9256.99	11030.24	15844.19	12704.31	8187.88	AC-FT
MAX	208.0	855.0	1780.0	1100.0	1070.0	311.0	253.0	426.0	499.0	390.0	323.0	190.0	MAX
MIN	120.0	165.0	444.0	267.0	185.0	112.0	80.0	92.3	113.0	189.0	141.0	106.0	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 313.0 CFS

TOTAL DISCHARGE, 227000 AC-FT

MAXIMUM DAILY DISCHARGE, 1780.0 CFS

MINIMUM DAILY DISCHARGE, 80.0 CFS

LOCATION: EAST OF GLEN CHRISTIE, AT THE FIRST BRIDGE

B - ICE CORRECTIONS

SOUTH OF HWY. 24, ON REGIONAL ROAD 32, GUELPH TOWNSHIP.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 241 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

SPEED RIVER NEAR GLEN CHRISTIE - STATION NO. 02GA110

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	97.5 B	73.6 B	115.0 B	626.0	193.0	145.0							01
02	92.9 B	74.9 B	110.0 B	537.0	195.0	130.0							02
03	90.5 B	77.3 B	107.0 B	562.0	192.0								03
04	69.9 B	76.7 B	170.0 B	571.0	185.0								04
05	67.8 B	75.6 B	160.0 B	661.0	171.0								05
06	85.2 B	74.4 B	154.0 B	679.0	167.0								06
07	83.5 B	77.7 B	157.0	611.0	151.0								07
08	80.2 B	74.9 B	180.0	489.0	147.0								08
09	78.3 B	76.3 B	291.0	404.0	145.0								09
10	79.0 B	79.5 B	103.0 B	357.0	161.0								10
11	78.3 B	81.5 B	818.0	342.0	130.0								11
12	77.7 B	85.6 B	954.0	327.0	127.0								12
13	77.1 B	120.0 B	1500.0	295.0	120.0								13
14	76.4 B	107.0 B	1670.0	290.0	129.0								14
15	73.6 B	103.0 B	1270.0	279.0	124.0								15
16	72.2 B	102.0 B	980.0	254.0	124.0								16
17	73.4 B	100.0 B	868.0	236.0	120.0								17
18	73.5 B	98.0 B	707.0	221.0	125.0								18
19	72.2 B	99.4 B	547.0	199.0	120.0								19
20	72.0 B	98.8 B	491.0	191.0	112.0								20
21	70.9 B	98.0 B	424.0	202.0	119.0								21
22	70.0 B	98.0 B	417.0	231.0	114.0								22
23	71.0 B	99.0 B	370.0	451.0	116.0								23
24	72.0 B	130.0 B	363.0	597.0	169.0								24
25	70.0 B	120.0 B	329.0	581.0	160.0								25
26	71.5 B	111.0 B	311.0	480.0	169.0								26
27	68.8 B	128.0 B	300.0	391.0	158.0								27
28	69.6 B	119.0 B	338.0	317.0	142.0								28
29	69.6 B		502.0	270.0	143.0								29
30	69.8 B		682.0	233.0	136.0								30
31	71.7 B		719.0		131.0								31
TOTAL	2386.1	2661.2	16585.0	11884.0	4495.0	281.0							TOTAL
MEAN	76.97	95.04	535.0	396.13	145.0	140.5							MEAN
AC-FT	4732.82	5278.49	32896.34	23571.91	8915.83	557.36							AC-FT
MAX	97.5	130.0	1670.0	679.0	195.0	145.0							MAX
MIN	68.8	73.6	107.0	191.0	112.0	136.0							MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CPS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 1670.0 CPS

MINIMUM DAILY DISCHARGE, 68.8 CPS

LOCATION: EAST OF GLEN CHRISTIE, AT THE FIRST BRIDGE

B - ICE CORRECTIONS

SOUTH OF HWY. 24, ON REGIONAL ROAD 32, GUELPH TOWNSHIP.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

REMARKS: NATURAL FLOW

DRAINAGE AREA: 241 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

CEDAR CREEK ABOVE HWY 401 - STATION NO. 02GA111
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

19

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01					0.73	0.43	0.07	0.0	0.43	0.16E	0.26E	0.71	01
02					0.71	0.36	0.01E	0.0	0.54	0.16E	0.42E	0.51	02
03					0.69	0.36	0.0	0.23	0.3	0.17E	1.4 E	0.28	03
04					0.99	0.37	0.0	0.67	0.23	0.02	1.5 E	0.18	04
05					0.0	1.3	0.03	0.0	0.28	0.18	0.0	0.68E	0.26
06					0.62	1.7	0.66	0.0	0.16	0.16	0.0	0.39E	0.97
07					0.788	1.8	0.45	0.0	0.04	0.09	0.0	0.36E	0.88
08					1.8 B	1.2	0.33	0.0	0.0	0.0	0.0	0.33E	0.69
09					1.9 B	0.94	0.25	0.0	0.0	0.0	0.0	0.36E	0.59
10					1.8	0.73	0.21	0.0	0.0	0.0	0.0	0.84E	0.18
11					1.4	0.61	0.21	0.11	0.0	0.27	1.3 E	0.59B	11
12					1.3	0.58	0.6	0.13	0.0	0.25	0.84E	0.56	12
13					1.1	0.56	0.41	0.07	0.0	0.28	0.64E	0.5	13
14					1.1	0.47	0.29	0.21	0.0	0.24	0.45	0.56E	0.59
15					1.2	0.42	0.29	0.17	0.0	0.21E	0.32	0.52E	1.3
16					1.2	0.37	0.43	0.06	0.0	0.21E	0.26	0.48E	0.88
17					1.2	0.32	0.28	0.01E	0.0	0.19E	0.19	0.42E	0.68
18					1.3	0.29	0.53	0.0	0.0	0.26E	0.23	0.36E	0.54B
19					4.3	0.27	1.5	0.02	0.0	1.2 E	0.21	0.3 E	0.66B
20					2.7	0.26	1.2	0.06	0.0	1.2 E	0.33	0.24E	0.22
21					1.5	0.21	0.63	0.08	0.0	0.53E	0.35	0.19	21
22					1.2	0.18	0.44	0.09	0.0	0.42E	0.21	0.05	22
23					0.99	0.13	0.36	0.06	0.0	0.26E	0.15	0.21	0.06
24					1.1	0.1	0.34	0.0	2.5	0.19E	0.1	0.21	0.06
25					1.0	0.09	0.29	0.0	4.5	0.17E	0.09	0.25	0.06
26					0.95	0.27	0.23	0.0	1.5	0.17E	0.09	0.26	26
27					0.84	0.3	0.2	0.0	0.47	0.16E	0.05	0.29	0.11
28					0.8	0.28	0.17	0.07	0.22	0.16E	0.0	0.53	0.12
29					0.81	0.18	0.15	0.01E	0.17	0.15E	0.0	0.59	0.14
30					0.75	0.2	0.11	0.0	0.24	0.14E	0.0	0.7	0.18
31						0.32		0.0	0.26		0.0	0.19	31
TOTAL					33.64	17.2	12.71	1.23	11.24	8.38	4.39	15.64	13.37
MEAN													MEAN
AC-FT					1.29	0.55	0.42	0.03	0.36	0.27	0.14	0.52	0.43
MAX					66.72	34.11	25.21	2.43	22.29	16.62	8.7	31.02	26.51
MIN					0.0	0.09	0.11	0.0	0.0	0.0	0.0	0.19	0.05

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 4.5 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE SOUTH SIDE OF HWY. 401, UPSTREAM OF THE EASTBOUND LANE, 0.5 MILE EAST OF ROSEVILLE ROAD.

B - ICE CORRECTIONS
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.6 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

CEDAR CREEK ABOVE HWY 401 - STATION NO. 02GA111

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	0.0 B	0.0 B	0.4 B	3.8	1.9	1.8	1.9	0.62	0.52E	0.51	0.74	0.04B	01	
02	0.06B	0.0 B	0.45B	3.3	1.9	1.6	1.6	0.53	0.44E	0.48	0.56	0.02B	02	
03	0.0 B	0.0 B	0.39B	2.5	2.0	1.3	1.5	0.46	0.35E	0.46	0.47	0.0 B	03	
04	0.0 B	0.0 B	2.0 B	2.2	1.9	1.2	1.3	0.36	0.3 E	0.42	0.45	0.0 B	04	
05	0.0 B	0.0 B	3.3 B	2.1	1.7	1.1	1.1	0.3	0.25E	0.36	0.44	0.0 B	05	
06	0.0 B	0.0 B	3.6 B	2.1	2.3	1.0	1.0	0.31	0.23E	0.24	0.43	0.0 B	06	
07	0.0 B	0.0 B	2.6 B	2.1	4.8 E	0.97	0.89	0.33	0.21E	0.8	0.42	0.0 B	07	
08	0.0 B	0.0 B	1.4 B	2.0	3.0 E	0.93	0.84	0.55	0.2 E	0.67	0.42B	0.0 B	08	
09	0.0 B	0.0 B	1.2 B	1.9	1.9	0.96	0.78	0.62	0.19	0.6	0.41B	0.0 B	09	
10	0.0 B	0.0 B	0.93B	1.9	1.5 E	0.92	0.85	0.56	0.54	0.61	0.4 B	0.0 B	10	
11	0.0 B	0.0 B	0.93B	1.9	1.6 E	0.88	0.98	0.44	0.55	0.58	0.4 B	0.0 B	11	
12	0.0 B	0.0 B	0.94B	1.8	1.8 E	0.89	0.91	0.43	0.34	0.55	0.39B	0.0 B	12	
13	0.0 B	0.0 B	2.2 B	1.8	1.6 E	0.9	0.82	0.77	0.28	0.53	0.39B	0.0 B	13	
14	0.0 B	0.0 B	1.1 B	1.6	1.4 E	0.94	0.77	1.4	0.25	0.5	0.38B	0.0 B	14	
15	0.0 B	0.0 B	1.1 B	1.8	1.1 E	0.96	0.75	1.7	0.2	0.48	0.37B	0.0 B	15	
16	0.0 B	0.0 B	1.1 B	2.4	1.5 E	0.89	0.85	1.3	0.16	0.44	0.34B	0.0 B	16	
17	0.0 B	0.08B	0.98B	2.2	1.8 E	0.74	0.82	0.83	0.34	0.4	0.32B	0.0 B	17	
18	0.0 B	0.12B	0.98B	1.7	1.6 E	0.72	0.78	0.55	8.3	0.38	0.31B	0.0 B	18	
19	0.0 B	0.0 B	0.89B	2.6 B	1.5	1.4 E	0.87	0.72	0.33	8.5	0.37	0.36B	0.11B	
20	0.0 B	2.2 B	7.7 B	1.4	1.3 E	1.2	0.75	0.28	1.7	0.71	0.36B	0.22B	20	
21	0.0 B	1.2 B	7.8	1.4	1.3 E	1.1	0.69	0.26	0.95	1.1	0.3 B	0.0 B	21	
22	0.0 B	0.46B	4.7	1.6	1.4 E	0.92	0.48	0.25	0.74	1.0	0.27B	0.0 B	22	
23	0.0 B	0.29B	3.5	1.5	1.4 E	0.77	0.42	0.23	0.69	0.87	0.23B	0.0 B	23	
24	0.0 B	0.46B	3.1	1.6	1.5 E	0.71	0.4	0.22	0.59	0.72	0.21B	0.0 B	24	
25	0.0 B	1.1 B	3.5	4.6	1.5	1.7	0.4	0.18	0.42	0.75	0.41B	0.0 B	25	
26	0.0 B	1.7 B	3.4	6.9	1.6	1.5	0.39	0.16E	0.36	0.66	0.6 B	0.0 B	26	
27	0.0 B	0.8 B	3.0	4.7	1.5	1.1	0.39	0.15E	0.91	0.57	1.6 B	0.0 B	27	
28	0.0 B	0.6 B	3.2	2.9	1.3	0.94	0.32	0.67E	0.85	0.56	1.3 B	0.0 B	28	
29	0.0 B	0.46B	2.7	2.3	1.3	1.0	0.85	1.1 E	0.61	0.52	0.36B	0.0 B	29	
30	0.0 B	2.3	1.9	1.3	1.5	1.3	0.8	0.8 E	0.54	0.49	0.1 B	0.0 B	30	
31	0.0 B		2.5	1.5			0.86	0.6 E		0.7		0.0 B	31	
TOTAL			0.26	10.36	75.6	71.4	53.6	32.01	26.41	17.29	30.51	18.03	13.74	
MEAN			0.0	0.35	2.43	2.38	1.72	1.06	0.85	0.55	1.01	0.58	0.45	0.39
AC-FT			0.51	20.54	149.95	141.62	106.31	63.49	52.38	34.29	60.51	35.76	27.25	0.77
MAX			0.2	2.2	7.8	6.9	4.8	1.8	1.9	1.7	8.5	1.1	1.6	0.22
MIN			0.0	0.0	0.39	1.4	1.1	0.71	0.32	0.15	0.16	0.24	0.1	0.0

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 1.0 CFS
TOTAL DISCHARGE, 693 AC-FT
MAXIMUM DAILY DISCHARGE, 8.5 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE SOUTH SIDE OF HWY. 401, UPSTREAM OF THE EASTBOUND LANE, 0.5 MILE EAST OF ROSEVILLE ROAD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 6.6 SQUARE MILES.

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

CEDAR CREEK ABOVE HWY 401 - STATION NO. 02GA111
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.4 8	0.0 8	0.0 8	1.4	0.86	0.0							01
02	0.398	0.0 8	0.0 8	1.2	0.81	0.0							02
03	0.0 8	0.0 8	0.0 8	1.8	0.7								03
04	0.0 8	0.0 8	0.0 8	1.4	0.71								04
05	0.0 8	0.0 8	0.0 8	2.2	0.76								05
06	0.448	0.0 8	0.0 8	1.9	0.76								06
07	1.6 8	0.0 8	0.0 8	1.6	0.73								07
08	1.5 8	0.0 8	0.0 8	1.5	0.69								08
09	0.0 8	0.0 8	0.0 8	1.7	0.65								09
10	0.0 8	0.0 8	7.7 8	1.3	0.63								10
11	0.0 8	0.0 8	13.3 8	1.1	0.62								11
12	0.0 8	0.0 8	8.4 8	0.95	0.66								12
13	0.0 8	0.0 8	12.3	0.89	0.7								13
14	0.0 8	0.0 8	7.5	0.81	0.71								14
15	0.0 8	0.0 8	4.3	0.73	0.7								15
16	0.0 8	0.0 8	3.5	0.65	0.63								16
17	0.0 8	0.0 8	3.1	0.63	0.62								17
18	0.0 8	0.0 8	2.6	0.68	0.85								18
19	0.0 8	0.0 8	2.3	0.71	0.11								19
20	0.0 8	0.0 8	2.2	0.59	0.0								20
21	0.0 8	0.0 8	2.2	0.59	0.0								21
22	0.0 8	0.0 8	2.2	1.1	0.0								22
23	0.0 8	0.0 8	2.2	4.0	0.0								23
24	0.0 8	0.0 8	2.1	4.2	0.0								24
25	0.0 8	0.0 8	2.0	2.5	0.0								25
26	0.0 8	0.0 8	1.8	1.8	0.0								26
27	0.0 8	0.0 8	1.6	1.4	0.0								27
28	0.0 8	0.0 8	1.5	1.2	0.0								28
29	0.0 8	0.0 8	1.5	1.0	0.0								29
30	0.0 8	0.0 8	1.6	0.94	0.0								30
31	0.0 8		1.5		0.0								31
TOTAL	5.33	0.0	87.4	42.47	12.92	0.0							TOTAL
MEAN	0.17	0.0	2.81	1.41	0.41	0.0							MEAN
AC-FT	10.57	0.0	173.35	84.23	25.62	0.0							AC-FT
MAX	1.6	0.0	13.3	4.2	0.86	0.0							MAX
MIN	0.0	0.0	0.0	0.59	0.0	0.0							MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 13.3 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE SOUTH SIDE OF HWY. 401, UPSTREAM OF THE EASTBOUND LANE, 0.5 MILE EAST OF ROSEVILLE ROAD.
TYPE OF GAUGE: CONTINUOUS RECORDING.

B - ICE CORRECTIONS
E - ESTIMATED
NATURAL FLOW

CEDAR CREEK AT HWY 401 - STATION NO. 02GA112

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.1	1.7		1.4	1.5	0.45	0.29	1.1	0.48	0.85	1.7	01	
02	0.97	1.6	1.4	1.2	0.44	0.29	1.3	0.48	1.2	1.3	02		
03	0.84	1.3	1.3	1.2	0.44	1.0	0.92	0.5	2.3	1.2	03		
04	0.72	1.1	1.9	1.1	0.44	1.8	0.73	0.5	2.5	1.1	04		
05	0.69	1.1	0.59	2.3	1.7	0.43	0.93	0.62	0.49	1.7	1.2	05	
06	0.65	1.0	0.64	3.1	1.7	0.45	0.58	0.49	1.3	2.8	06		
07	0.63		1.2	3.3	1.2	0.45	0.53	0.48	1.2	2.5	07		
08	0.58		2.6	2.3	0.99	0.44	0.38	0.47	0.48	1.3	08		
09	0.54		2.7	1.9	0.84	0.43	0.35	0.45	0.47	1.2	09		
10	0.44		2.5	1.5	0.73	0.44	0.36	0.42	0.47	2.4	1.4	10	
11	0.41		2.3	1.4	0.74	0.49	0.37	0.51	0.48	2.9	1.4	11	
12	0.42		2.2	1.3	1.5	0.58	0.33	0.83	0.5	2.0	1.3	12	
13	0.44		1.9	1.3	1.1	0.43	0.36	0.8	0.78	1.6	1.3	13	
14	0.44		1.8	1.2	0.67	0.75	0.37	0.71	0.99	1.4	2.0	14	
15	0.44		2.0	1.2	0.91	0.56	0.37	0.59	0.87	1.3	4.0	15	
16	0.45		2.1	1.1	1.2	0.41	0.37	0.49	0.77	1.2	3.2	16	
17	0.5		2.1	1.1	0.91	0.38	0.36	0.44	0.7	1.2	2.3	17	
18	0.6		2.6	1.1	1.4	0.35	0.36	0.63	0.8	1.2	1.9	18	
19	0.51		6.4	1.0	3.7	0.42	0.32	1.8	0.79	1.2	1.7	19	
20	0.44		4.3	1.0	2.6	0.59	0.29	1.8	1.2	1.1	1.5	20	
21	0.58		2.7	1.0	1.3	0.67	0.47	1.3	1.4	1.1	1.4	21	
22	1.1		2.2	1.0	1.0	0.46	0.41	0.94	1.1	1.1	1.3	22	
23	4.07		2.0	0.98	0.87	0.36	0.39	0.75	0.93	1.1	1.3	23	
24	41.5		2.2	0.97	0.76	0.33	6.7	0.63	0.82	1.0	1.3	24	
25	15.2		2.1	0.99	0.74	0.32	7.5	0.54	0.8	1.0	1.3	25	
26	5.5		1.9	1.5	0.63	0.32	4.0	0.55	0.79	1.0	1.4	26	
27	3.0		1.7	1.5	0.54	0.36	1.5	0.53	0.78	1.1	1.4	27	
28	2.1		1.6	1.3	0.5	0.38	1.0	0.53	0.76	1.3	1.4	28	
29			1.6	1.2	0.5	0.35	0.82	0.45	0.74	1.5	1.5	29	
30			1.5	1.1	0.48	0.34	0.85	0.43	0.71	1.8	1.6	30	
31	1.7			1.4		0.31	0.84		0.67		1.6	31	
TOTAL	1.7	85.49	7.8	57.43	45.04	34.41	13.57	34.36	22.37	22.22	43.05	52.5	TOTAL
MEAN	1.7	3.05	1.3	2.2	1.45	1.14	0.43	1.1	0.74	0.71	1.43	1.69	MEAN
AC-FT	3.37	169.50	15.47	113.91	89.33	68.25	26.91	68.15	44.37	44.07	85.38	104.13	AC-FT
MAX	1.7	41.5	1.7	6.4	3.3	3.7	0.75	7.5	1.8	1.4	2.9	4.0	MAX
MIN	1.7	0.41	1.0	0.59	0.97	0.48	0.31	0.29	0.42	0.47	0.85	1.1	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 41.5 CFS
MINIMUM DAILY DISCHARGE, 0.29 CFS

LOCATION: AT THE NORTH SIDE OF HWY. 401, ADJACENT TO THE WESTBOUND LANE, 0.5 MILE WEST OF ROSEVILLE ROAD.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 7.1 SQUARE MILES.
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS
E - ESTIMATED
NATURAL FLOW

CEDAR CREEK AT HYW 401 - STATION NO. 02GA112

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DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.2 B	0.42B	5.4	5.0	2.3	2.9	2.8	1.4	0.67	0.93	1.5	1.2	01
02	1.0 B	0.42B	3.7	4.1	2.4	2.6	2.2	1.2	0.59	0.82	1.1	1.1	02
03	0.84B	0.41B	3.6	3.3	2.3	2.3	1.9	1.1	0.53	0.7	1.0	1.1	03
04	0.76B	0.41B	3.8	2.8	2.1	2.1	1.6	0.99	0.5	0.63	1.0	1.1	04
05	0.7 B	0.41B	6.8	2.5	1.3	1.9	1.3	0.94	0.49	0.77	1.0	1.1	05
06	0.64B	0.4 B	7.9	2.4	1.3	1.7	1.2	0.92	0.48	1.1	1.0	1.2	06
07	0.6 B	0.41B	6.4	2.3	5.0	1.5	1.2	0.93	0.48	1.6	1.1	1.2	07
08	0.55B	0.42B	4.9	2.2	3.0	1.5	1.2	1.2	0.47	1.5	1.1	1.1	08
09	0.52B	0.39B	4.4	2.1	2.1	1.4	1.1	1.2	0.47	1.2	1.1	0.57	09
10	0.49B	0.42B	4.3	2.1	1.0	1.3	1.3	1.0	0.89	1.3	1.1	0.57	10
11	0.47B	0.49	4.1	2.0	1.7	1.2	1.3	0.91	0.94	1.1	1.1	0.53	11
12	0.44B	0.45	4.1	2.0	2.0	1.1	1.2	0.85	0.75	0.95	1.1	0.49	12
13	0.42B	0.6	7.2	1.9	1.9	1.1	1.1	1.6	0.62	0.92	1.1	0.48	13
14	0.41B	0.64	5.5	1.8	1.5	1.1	1.0	2.5	0.57	0.98	1.1	0.64	14
15	0.39B	0.93	4.6	2.1	1.2	1.1	1.0	2.8	0.52	1.0	1.1	0.82	15
16	0.38B	1.0	4.1	2.6	1.8	1.1	1.1	1.9	0.49	0.96	1.1	0.87	16
17	0.37B	1.2	3.5	2.3	2.0	1.2	1.0	1.1	0.89	1.1	0.9	0.9	17
18	0.36B	1.3	3.1	2.0	1.8	1.2	0.92	0.87	9.6	0.86	1.1	0.92	18
19	0.34B	1.8	5.8	1.7	1.6	1.5	0.9	0.72	8.1	0.94	1.1	0.93	19
20	0.33B	3.7	9.5	1.6	1.4	2.0	0.91	0.66	4.0	1.7	1.1	1.2	20
21	0.33B	3.3 B	9.4	1.6	1.4	1.9	1.0	0.64	2.1	2.4	1.0	1.0	21
22	0.32B	2.8 B	6.2	1.8	1.5	1.6	0.96	0.62	1.7	2.1	0.96	0.88	22
23	0.32B	3.1 B	4.7	1.7	1.5	1.4	0.94	0.6	1.6	1.6	0.92	0.54	23
24	0.31B	3.8 B	4.4	1.9	1.6	1.4	0.96	0.57	1.3	1.4	0.88	0.48B	24
25	0.31B	5.1	5.0	5.8	1.7	3.2	0.93	0.55	1.1	1.4	0.83	0.47B	25
26	0.58B	7.0	4.8	7.1	1.8	2.6	0.9	0.53	1.1	1.2	1.5	0.66B	26
27	0.45B	7.3	4.5	5.1	1.9	1.6	0.9	0.51	1.5	1.0	3.1	0.46B	27
28	0.42B	6.6	4.5	3.5	1.8	1.4	0.89	1.2	1.5	1.1	2.3	0.45B	28
29	0.42B	5.9	4.0	2.8	1.8	1.5	1.9	1.8	1.2	1.1	1.4	0.44B	29
30	0.41B	3.5	2.4	2.0	2.3	2.4	1.2	1.1	1.1	1.2	0.44B	30	
31	0.42B	3.7		2.4			1.8	0.83		1.4		0.44B	31
TOTAL	15.5	61.12	157.4	82.5	60.1	50.7	39.81	33.84	46.46	36.65	36.09	24.18	TOTAL
MEAN	0.5	2.1	5.07	2.75	1.93	1.69	1.28	1.09	1.54	1.18	1.2	0.78	MEAN
AC-FT	30.74	121.23	312.2	163.63	119.2	100.56	78.96	67.12	92.15	72.69	71.58	47.96	AC-FT
MAX	1.2	7.3	9.5	7.1	5.0	3.2	2.8	2.8	9.6	2.4	3.1	1.2	MAX
MIN	0.31	0.39	3.1	1.6	1.2	1.1	0.89	0.51	0.47	0.63	0.83	0.44	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 1.8 CFS

TOTAL DISCHARGE, 1280 AC-FT

MAXIMUM DAILY DISCHARGE, 9.6 CFS

MINIMUM DAILY DISCHARGE, 0.31 CFS

LOCATION: AT THE NORTH SIDE OF HYW. 401, ADJACENT TO THE
WESTBOUND LANE, 0.5 MILE WEST OF ROSEVILLE ROAD.

B - ICE CORRECTIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 7.1 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

CEDAR CREEK AT HYW 401 - STATION NO. 02GA112

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.47B	0.38	0.91	2.9	1.8	0.45	0.66	0.09					01
02	0.49B	0.65	0.86	2.8	1.6	0.5	0.51	0.07					02
03	0.54B	0.69	0.88	3.6	1.8	0.49	0.45	0.06					03
04	0.6 B	0.64	1.3	3.1	2.0	0.44	0.42	0.05					04
05	0.65B	0.59	1.1	4.8	2.3	0.41	0.41	0.06					05
06	0.68B	0.56	0.66	4.1	2.4	0.81	5.2	0.06					06
07	0.71B	0.57	0.43	3.6	2.1	0.95	3.5	0.05					07
08	0.74B	0.58	0.42	3.3	1.7	0.65	2.3	0.33					08
09	0.77B	0.59	5.2 E	3.4	1.5	0.5	1.3	0.4					09
10	0.86B	0.56	11.6 E	3.3	1.4	0.47	0.94	0.31					10
11	0.75B	0.55	14.4 E	3.1	1.4	0.45	0.82	0.2					11
12	0.8 B	0.67	9.1	2.8	1.4	0.46	0.86	0.1					12
13	0.4 B	0.94	14.2 E	2.6	1.4	0.46	0.83	0.08					13
14	0.33B	0.88	9.7	2.5	1.4	0.47	0.65	0.06					14
15	0.3 B	0.82	5.5	2.4	1.4	0.48	0.63	0.05					15
16	0.26B	0.73	3.5	2.3	1.4	0.47	0.64	0.23					16
17	0.23B	0.67	2.5	2.3	1.4	0.52	0.65	0.36					17
18	0.22B	0.67	2.2	2.3	2.1	0.95	0.67	0.19					18
19	0.22B	0.67	2.0	2.3	1.4	1.1	0.66	0.08					19
20	0.22 B	0.68	2.2	2.2	0.96	0.83	0.64	0.06					20
21	0.18B	0.69	2.2	1.5	0.94	0.68	0.59	0.94					21
22	0.2 B	0.74	2.4	2.3	1.0	0.64	0.52	2.1					22
23	0.24B	0.8	2.2	7.0	1.1	0.59	0.49	0.82					23
24	0.28B	1.1	2.3	6.4	1.3	0.55	0.5	0.31					24
25	0.32B	1.1	2.1	3.8	1.7	2.2	0.35	0.18					25
26	0.4	0.84	1.9	3.2	1.4	2.2	0.04	0.11					26
27	0.32	1.1	2.0	3.2	1.0	1.1	0.04	0.09					27
28	0.32	1.0	2.6	2.7	0.76	0.83	0.04	0.08					28
29	0.43	3.7	2.4	0.55	0.92	0.04							29
30	0.43	3.3	2.1	0.44	0.8	0.05							30
31	0.46	3.1		0.4		0.11							31
TOTAL	13.8	20.46	116.46	94.3	43.47	22.37	25.51	7.52					TOTAL
MEAN	0.44	0.73	3.75	3.14	1.4	0.74	0.82	0.26					MEAN
AC-FT	27.37	40.58	230.99	187.04	80.22	44.37	50.59	14.91					AC-FT
MAX	0.86	1.1	14.4	7.0	2.4	2.2	5.2	2.1					MAX
MIN	0.18	0.38	0.42	1.5	0.4	0.41	0.04	0.05					MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 14.4 CFS

MINIMUM DAILY DISCHARGE, 0.04 CFS

LOCATION: AT THE NORTH SIDE OF HYW. 401, ADJACENT TO THE
WESTBOUND LANE, 0.5 MILE WEST OF ROSEVILLE ROAD.

B - ICE CORRECTIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 7.1 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GAL13

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01							3.1	2.1	3.9	2.5 E	4.4	4.0 B	01
02							1.4	2.0	3.3	2.0 E	4.7	3.9 B	02
03							0.99	3.5	3.5	2.3 E	4.6	4.9 B	03
04							1.3	4.4	3.7	2.6	4.8	4.0 B	04
05							1.0	4.8	1.9	4.2	5.5	3.4 B	05
06							15.3	4.7	2.0	44.4	4.2	3.7	06
07							276.0	4.8	3.7	14.1	4.5	4.9	07
08							32.9	8.4	4.2	5.0	4.1	5.8 B	08
09							3.9	5.1	8.6	8.1	4.2	3.9 B	09
10							15.2	4.7	13.5	4.1	7.1	3.5 B	10
11							3.1	4.9	8.1	2.8	4.4	3.2 B	11
12							2.4	18.5	2.8	3.9	3.9	2.9 B	12
13							3.8	56.3	3.7	5.9	3.5	4.4 B	13
14							3.6	37.6	6.9 E	14.0	2.6	5.8 B	14
15							3.4	12.4	7.3 E	4.9	3.3	4.2	15
16							12.2	4.7	6.9 E	3.9	4.0	4.6	16
17							2.4	5.0	102.0 E	2.7	4.2	4.9	17
18							1.9	4.2	173.0 E	4.1	4.2	3.9	18
19							2.0	3.8	6.3 E	7.2	4.4	2.6	19
20							5.3	4.5	7.5 E	34.6	3.8	25.9	20
21							5.7	3.6	11.6 E	14.7	2.7 B	7.6 B	21
22							2.5	2.8	12.7 E	7.7	2.9 B	4.1 B	22
23							3.1	4.0	21.0 E	4.4	3.2 B	3.0 B	23
24							3.1	4.6	7.1 E	5.2	3.6 B	2.3 B	24
25							2.1	4.5	11.5 E	5.1	4.7 B	1.8 B	25
26							2.3	4.3	15.5 E	4.5	31.4	1.6 B	26
27							2.6	4.2	7.5 E	4.3	26.3	1.7 B	27
28							2.3	7.4	3.0 E	4.4	5.7 B	1.6 B	28
29							39.5	2.9	4.7 E	4.3	4.5 B	1.6 B	29
30							4.0	2.8	3.3 E	5.1	4.2 B	1.6 B	30
31							7.3	3.6		16.0		1.6 B	31
TOTAL							465.69	240.5	470.7	249.0	175.6	132.9	TOTAL
MEAN							15.02	7.75	15.69	8.03	5.85	4.28	MEAN
AC-FT							923.69	477.03	933.63	493.89	348.3	263.6	AC-FT
MAX							276.0	56.3	173.0	44.4	31.4	25.9	MAX
MIN							0.99	2.0	1.9	2.0	2.6	1.6	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 276.0 CFS

MINIMUM DAILY DISCHARGE, 0.99 CFS

LOCATION: AT THE FIRST BRIDGE WEST OF COURTLAND AVENUE
ON HAYWARD AVENUE, IN THE CITY OF KITCHENER.

B - ICE CORRECTIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 14 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.6 B	3.4 B	5.8 B	10.2	4.6	6.2	3.5	4.2	12.0 E	98.0 E	5.6	91.1	01
02	1.6 B	3.4 B	5.3 B	63.5 E	4.7	6.1	1.8	4.0	4.9	29.0 E	5.4	24.2	02
03	1.6 B	3.4 B	5.0 B	46.5	4.9	3.6	1.6	4.4	3.3	17.0 E	6.0	15.2	03
04	2.0 B	3.4 B	66.7	19.5	5.2	2.9	2.3	4.0	2.6	12.0 E	6.2	10.2	04
05	3.0 B	3.4 B	31.1	65.0	7.0	2.4	5.0 E	5.3	2.7	10.0 E	4.8	10.2	05
06	2.8 B	3.4 B	8.1	21.7	5.5	47.6 E	94.1 E	6.1	3.5	8.7 E	4.5	12.1	06
07	2.8 B	3.4 B	8.9	16.2	4.6	4.6 E	50.2 E	2.9	3.9	7.9 E	19.0 E	10.1	07
08	2.7 B	3.4 B	30.5	12.9	4.4	3.0	9.1 E	84.5 E	3.8	83.0 E	8.9 E	9.6	08
09	2.7 B	3.4 B	122.0	8.8	4.9	2.8	3.3	6.5	4.4	148.0	5.6 E	10.1	09
10	2.7 B	7.1 B	128.0	8.8	5.9	2.7	2.3	17.5 E	3.6	19.6	57.0 E	8.5	10
11	2.7 B	10.0 B	92.6	8.6	5.9	2.3	2.8	9.0 E	2.5	26.0 E	17.0 E	7.1	11
12	2.6 B	15.0 B	109.0	8.5	0.1	2.1	19.5 E	8.5 E	3.4	17.5 E	9.3 E	8.7	12
13	2.7 B	18.0 B	210.0	7.7	6.4	2.6	4.6	5.3 E	35.7	11.7	6.4 E	15.4	13
14	2.7 B	5.3	52.7	6.9	5.3	3.2	3.0	11.0 E	7.5	9.8	7.2 E	86.0	14
15	2.6 B	4.9 B	33.4	5.1	4.5	3.3	24.1 E	5.3 E	3.8	12.0 E	9.4 E	44.6	15
16	2.6 B	4.3 B	22.7	3.4	5.6	3.6	2.8	122.0 E	47.3	11.8 E	31.6	27.4	16
17	2.5 B	4.0 B	14.1	3.1	6.9	7.3 E	1.8	21.5	5.3	8.5 E	27.3	23.3	17
18	2.7 B	3.8	11.7 B	3.8	17.9	36.7 E	2.6	7.7 E	30.6	8.2 E	12.8	23.1	18
19	2.8 B	3.3	10.0 B	5.3	0.7	3.3	2.3	6.9 E	42.5	7.7 E	8.0	28.3	19
20	2.8 B	2.6 B	9.1 B	6.5	0.0	3.4	1.9	4.0	90.1	7.1 E	13.5	22.2	20
21	2.8 B	3.0 B	17.1	6.5	4.7	3.8	1.7	51.0 E	14.0 E	5.6	21.7	21.0	21
22	2.8 B	4.3 B	31.8	4.0	3.7	1.7	20.0 E	9.3 E	5.7	10.1	13.5	22	22
23	2.8 B	4.1 B	11.2	146.0	3.9	4.0	1.5	5.3	8.0 E	4.4	28.9	9.5	23
24	2.7 B	37.9	8.0	32.4	63.3 E	4.2	1.5	16.0 E	114.0 E	4.8	16.3	8.9	24
25	2.8 B	12.1	6.8	17.0	6.9 E	44.8 E	3.1	4.7	56.0 E	5.0	13.6	36.6	25
26	5.5 B	7.4	6.3	13.4	5.0	3.4	1.7	4.7	105.0 E	5.5	9.8	15.0 E	26
27	4.0 B	20.5	6.3	11.6	4.5	3.2	1.8	3.9	25.0 E	5.6	6.7	7.4 E	27
28	3.7 B	8.1	31.3	9.2	3.9	3.9	1.8	3.2	16.0 E	5.6	7.9	5.5 E	28
29	3.6 B	41.8	7.9	3.3	45.0 E	3.7	17.0 E	11.0 E	5.0	9.3	4.2 E	29	29
30	3.5 B	17.6	6.3	3.2	5.4 E	3.3	4.8	24.0 E	4.6	18.4	5.6 E	30	30
31	3.4 B		14.0		3.7		18.8 E	3.9		5.1		4.0 E	31
TOTAL	87.8	206.3	1148.5	614.1	229.4	271.1	279.2	475.1	695.7	610.4	408.2	618.6	TOTAL
MEAN	2.83	7.36	37.04	20.47	7.4	9.03	9.0	15.32	23.19	19.69	13.6	19.95	MEAN
AC-FT	174.15	409.19	2278.04	1218.06	455.01	537.72	553.79	942.36	1379.92	1210.72	809.66	1226.99	AC-FT
MAX	5.5	37.9	210.0	146.0	63.3	47.6	94.1	122.0	114.0	148.0	57.0	91.1	MAX
MIN	1.6	2.6	5.0	3.1	3.2	2.1	1.5	2.9	2.5	4.4	4.5	4.0	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 15.5 CFS

TOTAL DISCHARGE, 11200 AC-FT

MAXIMUM DAILY DISCHARGE, 210.0 CFS

MINIMUM DAILY DISCHARGE, 1.50 CFS

LOCATION: AT THE FIRST BRIDGE WEST OF COURTLAND AVENUE
ON HAYWARD AVENUE, IN THE CITY OF KITCHENER.

B - ICE CORRECTIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 14 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

MONTGOMERY CREEK AT KITCHENER - STATION NO. 02GA114

23

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01								1.5	1.2	0.57E	1.3	1.1 B	01	
02								0.5 E	0.73E	0.8 E	0.8 E	1.0 B	02	
03								0.6 E	1.1	1.1 E	1.2	0.96B	03	
04								1.4	1.4	1.2	1.4	0.94B	04	
05								1.5	0.48E	1.1	1.5	0.92B	05	
06								1.5	0.51E	12.9	0.83E	0.9 B	06	
07								1.8	1.0 E	1.9	1.8	1.2 B	07	
08								5.0	1.3	1.2	1.3	1.9 B	08	
09								1.7	3.1	2.7	0.85E	1.3 B	09	
10								1.5	4.3	1.2	2.0	0.86B	10	
11								1.4	3.5	0.65E	1.2	0.85B	11	
12								5.9	0.76E	1.0	1.0	0.85B	12	
13								13.7	1.0 E	1.8	1.0	0.85B	13	
14								5.5	1.1	2.9	1.0	1.0 B	14	
15								1.6	1.4 E	0.85	1.0	1.3 B	15	
16									0.9	1.1	0.9	1.1 B	16	
17								1.4	0.89	13.5	1.0	0.91	1.1 B	17
18								0.48E	0.7 E	10.5	1.1	0.83	0.94B	18
19								1.3	0.8 E	1.2	2.0	0.84	0.98B	19
20								3.1	0.6 E	1.0 E	8.4	0.85	6.9 B	20
21								2.0	0.56E	1.7	2.4	0.85	0.89B	21
22								1.5	0.5 E	1.9	1.4	0.88	1.9 B	22
23								1.6	0.57E	3.5	1.1	0.9	1.1 B	23
24								1.7	1.1	1.2	1.4	0.89	1.1 B	24
25								1.4	0.9 E	1.9	0.93	1.2	1.0 B	25
26								0.8 E	1.1	3.3	0.76	7.2	0.94B	26
27								0.5 E	1.2	1.2	0.71	5.7	0.95B	27
28								1.4	2.9	0.48E	0.75	1.5	0.94B	28
29								8.7 E	0.52E	0.84E	0.86	1.3 B	0.91B	29
30								1.6	0.58E	0.56E	1.7	1.2 B	0.9 B	30
31								4.4	1.1		4.2		0.91B	31
TOTAL								31.88	60.11	66.76	61.48	44.17	38.49	TOTAL
MEAN								2.12	1.93	2.22	1.98	1.47	1.24	MEAN
AC-FT								63.23	119.22	132.41	121.94	87.61	76.34	AC-FT
MAX								8.7	13.7	13.5	12.9	7.2	6.9	MAX
MIN								0.48	0.5	0.48	0.57	0.8	0.85	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 13.7 CFS
 TOTAL DISCHARGE, 1370 AC-FT
 MAXIMUM DAILY DISCHARGE, 13.7 CFS
 MINIMUM DAILY DISCHARGE, 0.48 CFS

LOCATION: AT THE FIRST BRIDGE SOUTH OF SHELLY DRIVE ON
 ON VANIER DRIVE, IN THE CITY OF KITCHENER.

B - ICE CORRECTIONS
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 3.7 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

MONTGOMERY CREEK AT KITCHENER - STATION NO. 02GA114

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	0.956	0.748	1.2 B	1.3	1.1 E	3.3	0.8 E	0.91E	2.5	13.1	0.99	12.6	01	
02	0.988	0.738	1.1 B	5.1	0.72E	1.3	0.5 E	0.88E	1.6	2.6	0.97	2.1	02	
03	0.978	0.768	1.1 B	3.0	1.0 E	0.93	0.46E	0.94E	1.6	1.6	1.0	1.7	03	
04	0.928	0.738	14.3	2.2	1.2 E	0.9 E	0.59E	1.1 E	1.6	1.4	1.1	1.6	04	
05	0.888	0.748	4.8	10.5	1.3	1.1	1.0 E	2.7	1.8	1.4	1.0	1.6	05	
06	0.81B	0.72B	1.6	1.8	1.0 E	11.7	7.8	3.1	1.8	1.3	1.0	1.6	06	
07	0.81B	0.7 B	1.5	1.7	0.9 E	0.97E	5.9	2.0	2.1	1.3	5.6	1.5	07	
08	0.798	0.7	8.7	1.9	0.85E	0.72E	2.2	12.8	2.3	14.3	3.1	1.5 B	08	
09	0.788	0.69	24.1	1.4	0.8 E	0.68E	0.77E	1.8	2.6	11.4	2.2	1.4 B	09	
10	0.778	0.98	11.8	1.4	0.94E	0.66E	0.59E	4.9	2.1	2.3	15.7	1.3 B	10	
11	0.788	1.3	4.6	1.3	1.1 E	0.59E	0.68E	1.9	1.7	3.2	3.8	1.3 B	11	
12	0.75B	9.2	1.3 E	1.2	0.56E	3.9	1.1 E	1.8	1.7	2.1	1.3 B	12		
13	0.768	5.5	16.4	1.2 E	1.3	0.65E	0.97E	0.83E	11.0	1.5	1.7	2.7 B	13	
14	0.778	1.3	2.9	1.2 E	1.3	0.75E	0.72E	3.6	2.1	1.4	1.6	7.5 B	14	
15	0.768	0.888	2.3	1.4 E	1.2	0.76E	4.8	0.83E	1.2	1.7	2.2	3.8	15	
16	0.75B	0.72B	1.9	1.3	1.1	0.82E	0.68E	8.9	6.6	1.8	7.4	2.6	16	
17	0.74B	0.7 B	1.7	1.4	1.1	2.1	0.5 E	3.1	1.4	1.2	5.1	2.4	17	
18	0.77B	0.698	1.6 B	5.2	8.5	0.65E	1.5	7.4	1.2	1.7	3.3	1.8	18	
19	0.8 B	0.7 B	1.5 B	8.0 E	1.1	1.0	0.6 E	1.3	11.1	1.2	1.4	3.5	19	
20	0.81B	0.72B	1.4 B	1.5	0.92E	0.88	0.52E	1.2	8.9	1.1	3.2	2.4 B	20	
21	0.8 B	0.768	3.5	1.4	0.9 E	0.85	0.48E	4.1	1.6	1.3	3.5	2.1 B	21	
22	0.798	2.3 B	1.6	10.2	0.88E	0.85	0.48E	2.9	1.4	1.2	1.5	2.0 B	22	
23	0.81B	1.0	1.6	25.1	0.86E	0.87	0.44E	1.3	1.3	1.1	5.8	2.1	23	
24	0.76B	14.0	1.5	2.5	6.8	0.93	0.44E	4.1	1.1	1.1	1.8	3.6	24	
25	0.86B	2.4	1.3	1.9	1.5	8.4	0.73E	1.3	3.4	1.1	2.2	7.8	25	
26	0.77B	2.0	1.6	1.0 E	0.94	0.48E	1.2	12.8	1.1	1.7	2.5 B	26		
27	0.77B	7.3	1.3	6.0	0.95E	0.89	0.5 E	1.3	2.2	1.1	2.2 B	27		
28	0.75B	2.0	5.2	1.5	1.1	0.94	0.5 E	1.4	1.7	1.1	1.5	1.9 B	28	
29	0.76B	5.1	1.4	1.4	5.5	0.83E	4.2	1.4	1.0	1.0	1.8 B	29		
30	0.77B	1.6	1.3 E	1.1	1.3	0.77E	1.5	5.5	0.97	3.5	1.7 B	30		
31	0.76B		1.5		1.0			6.2	1.4		1.0		1.7 B	31
TOTAL	24.97	55.36	139.2	92.0	42.82	60.34	46.48	80.09	108.6	78.77	87.36	87.1	TOTAL	
MEAN	0.8	1.97	4.49	3.06	1.38	2.01	1.49	2.58	3.62	2.54	2.91	2.8	MEAN	
AC-FT	49.52	109.8	276.1	182.48	44.93	119.68	92.19	158.85	215.4	156.24	173.27	172.76	AC-FT	
MAX	0.98	14.0	24.1	25.1	6.8	11.7	7.8	12.8	14.3	15.7	12.5	12.5	MAX	
MIN	0.74	0.69	1.1	1.0	0.72	0.56	0.44	0.83	1.2	0.97	0.97	1.3	MIN	

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 2.5 CFS
 TOTAL DISCHARGE, 1790 AC-FT
 MAXIMUM DAILY DISCHARGE, 25.1 CFS
 MINIMUM DAILY DISCHARGE, 0.44 CFS

LOCATION: AT THE FIRST BRIDGE SOUTH OF SHELLY DRIVE ON
 ON VANIER DRIVE, IN THE CITY OF KITCHENER.

B - ICE CORRECTIONS
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 3.7 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

MIDDLE THAMES RIVER TRIBUTARY NEAR EMBRO - STATION NO. 02GD106
 DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01					8.6	3.5	0.75	0.59	14.2	1.8	2.2	12.3	01	
02					8.1	2.6	0.74	0.59	6.8	1.9	3.2	8.1	02	
03					7.7	8.0	0.74	1.7	3.6	1.5	5.5	6.8	03	
04					11.1	15.0	0.76	1.6	2.7	1.4	10.4	6.3	04	
05					10.3	21.3	0.79	0.68	1.9	1.3	6.6	9.2	05	
06					12.1	14.8	0.79	0.5	1.8	1.3	5.0	35.9	06	
07					11.7	8.8	0.78	0.49	1.3	1.2	4.2	19.5	07	
08					9.0	6.4	0.81	0.49	1.0	1.1	4.0	12.0	08	
09					7.6	4.8	0.82	0.48	0.81	1.3	3.6	10.1	09	
10					6.8	3.8	0.82	0.48	0.72	1.5	7.6	8.8	10	
11					6.3	3.9	0.84	2.3	0.92	1.4	6.9	7.7	11	
12			32.0		6.4	14.3	0.81	0.76	2.9	1.3	5.6	7.0	12	
13			26.6		6.3	7.8	0.84	1.0	2.6	1.3	4.6	7.3	13	
14			28.6		5.6	5.6	2.1	2.6	2.3	1.3	3.8	17.4	14	
15			36.8		5.4	4.8	1.2	1.1	1.6	1.2	3.4	56.2	15	
16			38.5		4.9	7.3	1.1	0.8	1.4	1.2	3.2	25.2	16	
17			37.6		4.4	4.7	1.0	0.47	1.4	1.2	3.0	15.1	17	
18			45.9		4.2	17.4	1.0	0.44	1.7	1.8	2.9	11.1	18	
19			203.0		3.9	10.1	1.1	0.43	7.3	1.8	2.8	9.3	19	
20			54.0		3.6	6.8	3.1	0.42	8.7	3.9	2.9	8.1	20	
21			29.4		3.8	4.6	2.8	0.6	6.4	3.4	3.4	7.8	21	
22			21.2		3.5	1.4	1.1	4.0	2.9	3.2	7.6	8	22	
23			17.8		3.2	2.9	0.85	0.7	3.2	2.4	3.0	7.4	23	
24			24.5		3.0	2.5	0.68	30.2	2.6	2.0	2.8	7.2	24	
25			20.9		2.8	2.3	0.68	10.0	2.0	1.9	2.8	7.0	25	
31					3.4		0.62	3.9		1.4		21.3	31	
TOTAL					676.2	175.4	193.87	31.12	86.22	92.35	52.9	138.3	393.5	TOTAL
MEAN					35.58	5.65	6.46	1.0	2.78	3.07	1.7	4.61	12.69	MEAN
AC-FT					1341.24	347.9	384.54	61.72	171.01	183.17	104.92	274.31	780.5	AC-FT
MAX					203.0	1.1	21.3	3.1	30.2	14.2	3.9	15.4	56.2	MAX
MIN					8.6	2.0	0.87	0.62	0.42	0.72	1.1	2.2	6.2	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 203.0 CFS
 MINIMUM DAILY DISCHARGE, 0.42 CFS

LOCATION: AT THE BRIDGE ON CONCESSION 14, LOT 11, WEST
 OF THE VILLAGE OF EMBRO, TWP OF EAST NISSOURI.

B - ICE CORRECTIONS
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 11.4 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

MIDDLE THAMES RIVER TRIBUTARY NEAR EMBRO - STATION NO. 02GD106

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	13.7 8	21.8 B	62.6	50.4	10.3	4.2	3.4	4.6	2.7	2.1	8.3	8.9	01
02	11.8 B	19.8 B	34.9	32.1	9.6	3.2	2.2	2.9	2.2	2.0	7.4	8.0	02
03	10.7 B	17.5 B	35.6	21.7	9.5	2.5	1.6	1.9	1.6	1.8	6.7	7.6	03
04	10.3 B	15.1 B	66.3	16.3	8.1	2.2	1.3	1.3	1.4	1.7	6.1	7.4	04
05	9.3 B	14.0 B	368.0	12.7	7.1	1.8	1.1	1.0	1.2	1.6	5.7 B	7.0 B	05
06	8.9 B	13.8 B	149.0	11.0	33.4	1.5	0.96	1.1	1.1	6.7	5.4 B	6.9 B	06
07	8.6 B	13.4 B	26.0 B	9.2	117.0	1.2	1.8	1.2	0.92	15.4	5.1 B	6.8 B	07
08	8.2 B	13.6 B	19.6 B	8.4	39.5	0.88	11.1	3.8	0.78	7.7	4.9 B	6.7 B	08
09	7.9 B	14.0 B	16.9 B	7.8	22.0	0.64	3.0	3.2	0.81	6.0	4.7 B	6.6 B	09
10	7.7 B	14.3 B	14.9 B	7.6	15.3	0.48	2.6	2.3	4.1	5.3	4.5 B	6.4 B	10
11	7.7 B	15.1 B	14.6 B	7.4	16.0	0.31	3.0	1.7	2.8	4.6	4.4 B	7.6 B	11
12	7.4 B	17.0 B	26.6	6.3	14.3	0.19	3.2	1.6	4.1	4.3 B	7.9 B	8.2	12
13	7.4 B	19.0 B	117.0	6.3	11.3	0.18	1.8	13.8	1.3	4.0	4.2 B	7.6 B	13
14	7.4 B	22.0 B	36.8 B	6.0	10.0	0.21	2.9	16.0	1.2	4.5	4.2 B	9.1 B	14
15	7.3 B	24.4 B	18.5 B	5.8	9.2	0.22	32.9	172.0	1.1	4.3	4.2 B	9.4 B	15
16	7.3 B	40.9 B	14.9 B	5.4	9.7	0.39	8.4	35.6	1.2	3.6	4.1 B	10.1 B	16
17	7.3 B	88.6	14.2 B	5.0	9.5	0.61	3.7	19.1	2.0	3.4	4.1 B	9.0 B	17
18	7.2 B	97.1	13.9 B	4.6	8.0	0.53	2.2	11.2	14.5	3.3	4.0 B	6.9 B	18
19	7.1 B	125.0	70.8	4.2	6.8	0.76	1.6	6.5	6.0	3.2	6.6 B	7.4 B	19
20	7.0 B	71.8 B	142.0	3.9	6.2	1.0	8.6	4.5	3.8	10.2	13.5 B	18.2 B	20
21	6.9 B	50.2 B	112.0	4.2	5.5	0.79	132.0	3.5	3.3	13.9	10.0 B	10.0	21
22	7.1 B	43.6 B	26.7 B	5.0	5.0	0.75	22.1	3.0	3.7	10.9	8.0 B	8.9 B	22
23	7.2 B	39.5 B	17.4 B	4.7	4.0	0.68	9.1	2.4	3.3	8.7	6.6 B	8.2 B	23
24	7.6 B	42.8 B	21.2 B	5.0	4.2	0.8	8.6	2.1	2.8	8.6	5.8 B	7.7 B	24
25	26.8	80.5	48.8	66.6	4.2	3.4	4.6	2.0	2.5	9.5	6.9	7.4 B	25
26	96.2	134.0	27.5	51.9	3.9	1.6	3.1	1.9	2.8	2.0	29.1	7.0 B	26
27	116.0	114.0	28.7	25.7	3.6	1.0	2.3	2.0	4.9	6.8	86.3	6.6 B	27
28	71.0	86.6	30.0	17.3	3.3	0.92	1.8	2.0	3.6	6.3	38.9	6.4 B	28
29	47.8	71.6	21.3	13.3	2.8	1.7	32.5	1.9	3.0	5.8	19.0 B	6.2 B	29
30	34.0	17.7	11.3	2.7	2.8	2.8	23.0	1.8	2.6	5.5	11.8 B	6.0 B	30
31	27.5 B		25.1		4.0		9.1	1.7		9.1		5.8 B	31
TOTAL	618.3	1341.0	1638.5	436.6	416.7	37.44	345.56	475.6	85.01	188.6	335.4	247.7	TOTAL
MEAN	19.94	46.24	52.85	14.55	13.44	1.24	11.14	15.84	2.83	6.08	11.18	7.99	MEAN
AC-FT	1226.39	2659.87	3249.96	865.99	846.52	74.26	685.41	943.35	168.61	374.08	665.26	491.31	AC-FT
MAX	116.0	134.0	368.0	66.6	117.0	4.2	132.0	172.0	14.5	15.4	86.3	18.2	MAX
MIN	6.9	13.4	13.9	3.9	2.7	0.18	0.96	1.0	0.78	1.6	4.0	5.8	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 16.8 CFS
 TOTAL DISCHARGE, 12200 AC-FT
 MAXIMUM DAILY DISCHARGE, 368.0 CFS
 MINIMUM DAILY DISCHARGE, 0.18 CFS

LOCATION: AT THE BRIDGE ON CONCESSION 14, LOT 11, WEST
 OF THE VILLAGE OF EMBRO, TWP OF EAST NISSOURI.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 11.4 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS
 E - ESTIMATED
 NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.8 B	4.6 B	23.0 B	17.1	7.5	1.2	1.6	1.3	2.4	48.7	5.7		01
02	5.7 B	4.6 B	17.0 B	17.4	6.7	1.1	1.2	0.92	2.4	42.9	5.7		02
03	5.6 B	4.6 B	15.0 B	27.9	5.8	1.0	1.0	6.9	2.3	24.4	6.1		03
04	5.6 B	4.6 B	18.0 B	18.5	5.9	0.81	0.93	7.0	1.8	16.7	6.8		04
05	5.5 B	4.6 B	61.0 B	28.9	6.2	0.71	0.94	2.3	1.9	13.3	6.3		05
06	5.4 B	4.6 B	75.0 B	19.4	5.1	4.0	0.98	2.0	1.7	11.3	6.4		06
07	5.4 B	4.6 B	34.3	13.3	4.1	2.5	2.4	1.9	1.5	9.4	9.6		07
08	5.3 B	4.6 B	33.9	12.7	3.6	1.8	3.3	35.4	1.4	25.4	12.7		08
09	5.3 B	4.6 B	89.8	11.4	3.1	1.5	1.8	11.0	1.4	152.0	10.0		09
10	5.2 B	4.6 B	259.0	11.1	2.7	1.3	1.3	6.0	1.3	47.4			10
11	5.2 B	4.6 B	261.0	11.3	2.4	1.2	1.1	9.2	1.2	29.5			11
12	5.2 B	4.6 B	282.0	11.3	2.2	1.2	2.2	8.0	1.1	26.1			12
13	5.1 B	5.7 B	479.0	10.2	2.1	1.1	1.9	4.1	3.6	19.7			13
14	5.1 B	6.7 B	137.0	8.5	1.8	0.95	1.3	3.0	5.5	15.9			14
15	5.0 B	7.0 B	74.4	7.4	1.5	0.87	1.1	2.2	2.7	13.9			15
16	5.0 B	9.0 B	54.4	6.7	1.4	0.82	1.2	12.1	12.4	12.9			16
17	5.0 B	6.2 B	28.7 B	6.2	1.2	0.75	1.2	27.2	13.2	11.7			17
18	5.0 B	5.8 B	17.4 B	7.0	1.1	3.2	1.1	8.0	16.4	10.6			18
19	4.9 B	5.7 B	12.5 B	7.4	1.0	2.1	1.6	4.2	22.8	9.6			19
20	4.9 B	5.6 B	12.1 B	6.4	0.88	1.4	1.7	3.2	28.3	8.5			20
21	4.9 B	5.4 B	15.8 B	5.7	0.81	1.2	0.95	2.9	19.3	7.8			21
22	4.8 B	5.3 B	16.6 B	3.21	0.79	0.72	6.8	13.5	7.7				22
23	4.8 B	5.2 B	11.4 B	133.0	0.86	0.78	0.58	3.7	10.6	7.0			23
24	4.8 B	5.4 B	11.0 B	71.4	1.0	0.79	0.54	5.1	25.1	6.9			24
25	4.8 B	12.7 B	10.7 B	33.3	1.3	1.5	0.66	3.6	98.6	6.9			25
26	4.7 B	18.0 B	12.1 B	22.2	1.1	1.2	0.55	2.9	139.0	7.0			26
27	4.7 B	21.0 B	16.3	16.9	1.1	0.94	0.53	2.4	58.9	7.1			27
28	4.7 B	24.0 B	49.1	13.0	1.0	0.76	0.51	2.1	37.5	6.7			28
29	4.7 B		67.9	10.4	0.88	2.6	0.54	2.2	24.3	6.2			29
30	4.7 B		32.6	8.6	0.93	1.7	0.68	2.9	19.0	5.9			30
31	4.7 B		23.7		0.88		0.89	2.2		5.8			31

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 479.0 CFS
MINIMUM DAILY DISCHARGE, 0.51 CFS

LOCATION: AT THE BRIDGE ON CONCESSION 14, LOT 11, WEST OF THE VILLAGE OF EMBRO, TWP OF EAST NISSOURI.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 11.4 SQUARE MILES.

B - ICE CORRECTIONS

E - ESTIMATED

NATURAL FLOW

TOTAL 157.5 203.9 2254.7 606.7 76.93 41.91 37.0 192.72 571.1 624.9 69.3 TOTAL

MEAN 5.08 7.28 72.73 20.22 2.48 1.39 1.19 6.21 19.03 20.15 7.7 MEAN

AC-FT 312.4 404.43 4472.19 1203.38 152.59 83.12 73.38 382.26 1132.77 1239.48 137.45 AC-FT

MAX 5.8 24.0 479.0 133.0 7.5 4.0 3.3 35.4 139.0 152.0 12.7 MAX

MIN 4.7 4.6 10.7 5.7 0.79 0.71 0.51 0.92 1.1 5.8 5.7 MIN

BIG CREEK NEAR STRANGFIELD - STATION NO. 02GE107

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01				7.4	7.5	2.6	2.1	0.16	128.0	1.6	0.71	10.4	01	
02				6.9	6.1	2.1	1.6	0.14	43.9	1.6	0.68	5.0	02	
03				8.4 B	4.5	1.7	1.4	0.59	16.3	1.4	0.72	3.9	03	
04				8.7 B	4.4	1.8	1.2	1.6	11.5	1.3	0.78	2.4	04	
05				13.8 B	3.2	30.3	1.2	1.3	8.0	1.1	0.81	2.2	05	
06				12.2 B	2.7	18.4	1.3	1.5	5.2	0.99	0.81	10.4	06	
07				12.4 B	2.2	7.2	1.2	1.3	3.5	0.96	0.79	15.1	07	
08				13.2	2.0	3.9	1.1	1.1	2.6	0.91	0.79	6.7	08	
09				10.7	1.9	2.7	1.0	0.91	2.0	1.1	0.79	5.1	09	
10				9.6	1.9	2.1	0.89	0.77	1.5	1.1	1.1	6.4	10	
11				7.9	2.0	2.2	0.81	0.68	24.8	1.1	1.4	6.9	11	
12				6.4	2.2	2.9	0.73	0.64	154.0	1.0	1.4	11.1	12	
13				4.9	2.0	2.7	0.79	0.6	38.3	0.92	1.2	9.2	13	
14				4.3	1.7	2.3	0.81	0.57	12.1	0.86	1.1	8.8	14	
15				4.1	1.7	2.4	0.73	0.54	5.8	0.82	0.95	19.0	15	
16				3.9	1.8	87.6	0.67	0.52	4.0	0.8	0.88	75.8	16	
17				3.4	1.6	22.1	0.61	0.48	3.0	0.78	0.78	27.1	17	
18				56.9	4.1	1.6	14.6	0.56	0.45	3.3	1.0	0.69	11.6	18
19				64.4	7.7	1.7	8.5	0.56	0.4	7.6	1.7	0.69	7.0	19
20				35.2	5.4	1.7	5.2	0.54	0.35	7.6	2.2	0.7	4.7	20
21				16.3	3.7	1.8	4.0	0.51	0.68	6.9	1.9	0.9	4.2	21
22				19.2	3.3	2.4	3.6	0.44	1.8	4.4	1.6	0.88	4.1	22
23				12.5	3.5	2.0	3.3	0.38	1.6	3.2	1.4	0.79	4.0	23
24				45.3	4.2	1.8	46.4	0.49	3.8	2.5	1.2	0.84	3.9	24
25				19.9	3.2	1.7	160.0	0.48	4.1	2.2	1.2	0.92	3.8	25
26				8.7	2.6	1.7	34.9	0.42	2.7	2.2	1.2	0.91	3.7	26
27				7.2	2.2	1.8	12.2	0.36	1.8	2.2	1.1	1.9	3.6	27
28				8.8	2.4	1.6	6.1	0.3	1.3	2.0	0.99	2.3	3.5	28
29				57.0	2.7	1.4	3.7	0.24	5.8	1.8	0.93	2.8	3.4	29
30				25.0	2.4	1.4	2.7	0.2	159.0	1.6	0.85	12.6	22.3	30
31				11.2		2.4		0.18	171.0		0.76		106.0	31

TOTAL 387.6 185.6 74.4 522.2 23.8 368.18 512.0 36.37 42.61 745.4 TOTAL

MEAN 27.68 6.18 2.4 17.4 0.76 11.87 17.06 1.17 1.42 24.04 MEAN

AC-FT 768.8 368.13 147.57 1035.78 47.2 730.28 1015.55 72.13 84.51 1478.5 AC-FT

MAX 64.4 13.8 7.5 160.0 2.1 171.0 154.0 2.2 12.6 190.0 MAX

MIN 7.2 2.2 1.4 1.7 0.18 0.14 1.5 0.76 0.68 2.2 MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 190.0 CFS

MINIMUM DAILY DISCHARGE, 0.14 CFS

LOCATION: AT THE FIRST BRIDGE WEST OF THE COMMUNITY OF STRANGFIELD, TOWNSHIP OF TILBURY WEST.

B - ICE CORRECTIONS

L - ESTIMATED

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

BIG CREEK NEAR STRANGFIELD - STATION NO. 02GE107

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	42.0 B	31.0 B	78.6	2.8	4.4	0.65	17.7	0.0	0.0	0.0	0.05	0.0 B	01
02	35.0 B	26.0 B	165.0	4.0	3.9	0.53	7.1	0.0	0.0	0.0	0.04	0.0 B	02
03	28.0 B	23.0 B	195.0	4.8	3.3	0.27	2.0	0.0	0.0	0.0	0.02	0.0 B	03
04	23.0 B	20.0 B	172.0	4.4	1.9	0.13	0.6	0.0	0.0	0.0	0.01	0.0 B	04
05	19.0 B	16.0 B	96.7	3.1	1.2	0.08	0.16	0.0	0.0	0.0	0.028	0.0 B	05
06	11.0 B	13.0 B	30.2	3.0	6.6	0.05	0.1	0.0	0.0	0.69	0.0 B	0.0 B	06
07	8.0 B	10.9 B	15.2	2.4	79.3	0.01	20.0	0.0	0.0	3.4	0.0 B	0.0 B	07
08	7.2 B	9.7 B	10.6	1.8	24.5	0.0	40.0	0.0	0.0	1.3	0.0 B	0.0 B	08
09	6.0 B	7.9 B	6.5	1.4	10.5	0.01	0.36	0.0	0.0	0.31	0.0 B	0.0 B	09
10	4.0 B	12.1 B	5.2	1.2	6.3	0.02	87.5	0.0	0.0	0.12	0.0 B	0.0 B	10
11	3.0 B	21.3 B	4.5	1.6	5.1	0.02	68.4	0.0	0.0	0.03	0.0 B	0.0 B	11
12	2.0 B	36.0 B	16.6	0.9	3.5	0.03	35.2	0.0	0.0	0.0	0.0 B	0.0 B	12
13	0.9 B	67.1 B	136.0	0.7	2.4	0.03	7.2	0.0	0.0	0.0	0.0 B	0.0 B	13
14	0.2 B	122.0 B	46.1	0.55	2.1	0.0	2.3	0.0	0.0	0.0	0.0 B	0.0 B	14
15	0.068	244.0 B	14.7	0.59	1.9	0.0	0.68	0.0	0.0	0.0	0.0 B	0.0 B	15
16	0.0 B	488.0 B	9.8	Q.6	2.0	0.0	0.25	0.0	0.0	0.0	0.0 B	0.0 B	16
17	0.0 B	820.0 B	7.0 B	0.42	13.8	0.0	0.13	0.0	0.0	0.0	0.0 B	0.0 B	17
18	0.0 B	268.0 B	4.0 B	0.35	18.3	0.05	0.03	0.0	0.0	0.0	0.0 B	0.0 B	18
19	0.0 B	98.5 B	3.5	0.38	5.0	2.2	0.0	0.0	0.0	0.0	0.0 B	0.018 B	19
20	0.0 B	51.0	3.4	0.6	2.2	3.2	0.0	0.0	0.0	0.0	0.0 B	2.7 B	20
21	0.0 B	97.0	3.8	1.3	1.4	1.7	0.0	0.0	0.0	0.0	0.0 B	0.76 B	21
22	0.0 B	116.0	2.1	2.1	0.83	0.99	0.09	0.0	0.0	0.0	0.0 B	0.0 B	22
23	0.0 B	43.1	1.6	1.5	0.56	0.35	0.08	0.0	0.0	0.0	0.0 B	0.0 B	23
24	0.0 B	39.3	1.8	2.8	0.39	4.2	0.05	0.0	0.0	0.09	0.0 B	0.0 B	24
25	0.0 B	50.7	4.5	111.0	0.52	63.6	0.03	0.0	0.0	0.37	0.0 B	0.0 B	25
31	37.0 B		3.5		0.8		0.0	0.0		0.05		0.0 B	31
TOTAL	415.36	2813.0	1075.6	257.59	204.93	110.12	289.96	0.0	1.99	6.9	0.42	3.47	TOTAL
MEAN	13.39	97.0	34.69	8.58	6.61	3.67	9.35	0.0	0.06	0.22	0.01	0.11	MEAN
AC-FT	823.66	5579.58	2133.45	510.92	406.47	218.42	575.13	0.0	3.94	13.68	0.83	6.88	AC-FT
MAX	61.0	820.0	195.0	111.0	79.3	63.6	87.5	0.0	1.2	3.4	0.19	2.7	MAX
MIN	0.0	7.9	1.6	0.35	0.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 14.2 CFS
 TOTAL DISCHARGE, 10300 AC-F'T
 MAXIMUM DAILY DISCHARGE, 820.0 CFS
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE FIRST BRIDGE WEST OF THE COMMUNITY OF
 STRANGFIELD, TOWNSHIP OF TILBURY WEST.

B - ICE CORRECTIONS
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 20 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

BIG CREEK NEAR STRANGFIELD - STATION NO. 02GE107

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.0 B	0.0 B	0.0 B	15.9	22.0	1.3							01
02	0.0 B	0.0 B	1.0 B	30.6	19.5	1.4							02
03	0.0 B	0.0 B	10.0 B	40.1	18.5	1.7							03
04	0.0 B	0.0 B	35.0 B	25.8	31.6	1.2							04
05	0.0 B	0.0 B	262.0 B	51.2	58.8	3.7							05
06	0.0 B	0.0 B	103.0 B	25.2	38.9	75.8							06
07	0.0 B	0.0 B	51.5 B	15.4	27.8	51.3							07
08	0.0 B	0.0 B	34.0 B	10.9	22.6	18.6							08
09	0.0 B	0.0 B	71.0 B	8.4	18.9	9.2							09
10	0.0 B	0.0 B	88.7 B	7.5	15.8	5.4							10
11	0.0 B	0.0 B	82.7 B	6.8	14.5	4.1							11
12	0.0 B	0.0 B	114.0 B	5.7	13.2	4.4							12
13	0.0 B	0.0 B	179.0	5.4	12.9	4.0							13
14	0.0 B	0.0 B	42.9	4.9	12.2	2.7							14
15	0.0 B	0.0 B	25.2	4.1	10.9	1.9							15
16	0.0 B	0.0 B	16.8	3.7	3.2	1.3							16
17	0.0 B	0.0 B	10.4	3.4	3.1	1.3							17
18	0.0 B	0.0 B	9.6	3.2	3.7	2.9							18
19	0.0 B	0.0 B	17.1	3.0	4.7	2.8							19
20	0.0 B	0.0 B	18.5	2.8	3.5								20
21	0.0 B	0.0 B	20.5	2.5	2.9								21
22	0.0 B	0.0 B	27.6	6.6	2.5								22
23	0.0 B	0.0 B	26.1	353.0	2.4								23
24	0.0 B	0.0 B	37.8	145.0	2.5								24
25	0.0 B	0.0 B	28.7	282.0	3.1								25
26	0.0 B	0.0 B	38.0	204.0	2.3								26
27	0.0 B	0.0 B	73.8	65.5	1.7								27
28	0.0 B	0.0 B	217.0	31.9	1.2								28
29	0.0 B	0.0 B	132.0	18.6	0.82								29
30	0.0 B		48.7	25.4	0.67								30
31	0.0 B		25.5		0.68								31
TOTAL	0.0	0.0	1848.1	1408.5	375.07	195.0							TOTAL
MEAN	0.0	0.0	59.61	46.95	12.09	10.26							MEAN
AC-FT	0.0	0.0	3665.7	2793.75	743.95	386.78							AC-FT
MAX	0.0	0.0	262.0	353.0	58.8	75.8							MAX
MIN	0.0	0.0	0.0	2.5	0.67	1.2							MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 353.0 CFS
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE FIRST BRIDGE WEST OF THE COMMUNITY OF
 STRANGFIELD, TOWNSHIP OF TILBURY WEST.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 20 SQUARE MILES.

B - ICE CORRECTIONS
 E - ESTIMATED
 REMARKS: NATURAL STREAMBED CONTROL.

NATURAL FLOW

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01				8.9	4.7	2.1	1.4	0.5 E	40.5		2.2	7.0	01	
02				8.8	3.7	1.9	1.3	0.4 E	17.9		2.2	4.8	02	
03				9.0	3.2	1.7	1.3	1.4	12.1		2.5	3.7	03	
04				9.9	3.0	2.5	1.2	1.5	20.1		2.5	3.6	04	
05				8.5	2.6	6.9	1.2	0.97	9.3		2.4	3.5	05	
06				8.1	2.7	3.9	1.1	0.9 E	7.5		2.4	8.3	06	
07				8.1	2.6	2.4	1.1	0.86 E	5.2		2.5	7.7	07	
08				8.2	2.4	2.0	1.2	0.84 E	4.2		2.6	5.5	08	
09				6.6	2.1	1.6	1.2	0.8 E	3.4		2.4	5.5	09	
10				3.9	2.1	1.5	1.0	0.75 E	3.2		3.1	6.7	10	
11				3.5	2.1	1.6	0.98	0.68 E	4.6		3.0	6.4	11	
12				3.4	2.1	2.1	0.96	0.62 E	21.0		2.8	10.2	12	
13				3.2	2.0	1.9	1.1	0.56 E	7.6		2.5	26.2	13	
14				3.2	2.0	1.6	1.5	0.5 E			2.3	19.7	14	
15				3.1	2.0	10.2	1.3	0.46 E			2.1	52.5	15	
16				3.1	1.9	18.3	0.95	1.1			2.0	24.1	16	
17				3.1	1.8	5.1	0.95	1.1			2.0	13.4	17	
18				3.7	1.8	3.6	0.95	1.1			1.9	7.9	18	
19			17.4	5.7	1.7	2.7	1.5	1.0			2.0	6.0	19	
20			11.0	4.1	1.7	1.9	1.7	1.1			2.0	4.2 B	20	
21				8.1	3.2	1.6	1.6	1.2	0.89		2.5	3.7 B	21	
22				8.3	3.0	1.9	1.4	1.0	1.1		2.4	6.6	22	
23				7.8	3.0	1.6	1.3	0.88	2.0		2.7	2.2	23	
24				15.1	3.0	1.5	2.8	1.5	2.4		2.6	4.8 B	24	
25				8.6	2.8	1.8	6.4	1.3	2.0		2.7	2.2	25	
26				8.1	2.5	1.6	3.1	1.1	1.6		2.8	2.1	26	
27				8.6	2.1	1.4	2.4	1.0	1.7		2.6	3.5	27	
28				8.5	2.2	1.3	2.2	0.9 E	1.5		2.6	3.3	28	
29				34.8	2.3	1.2	2.0	0.8 E	2.0		2.5	4.1	29	
30				16.1	2.1	1.4	1.8	0.7 E	225.0		2.3	8.7	30	
31				9.0	2.1			0.6 E	125.0		2.2		31	
TOTAL				161.4	142.3	65.6	100.5	34.87	382.33	156.6	26.0	80.5	318.9	TOTAL
MEAN				12.41	4.74	2.11	3.35	1.12	12.33	12.04	2.6	2.68	10.28	MEAN
AC-FT				320.13	282.25	130.11	199.34	69.16	758.35	310.61	51.57	159.67	632.53	AC-FT
MAX				34.8	9.9	4.7	18.3	1.7	225.0	40.5	3.0	8.7	52.5	MAX
MIN				7.8	2.1	1.2	1.3	0.6	0.4	3.2	2.2	1.9	3.4	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 225.0 CFS

MINIMUM DAILY DISCHARGE, 0.4 CFS

LOCATION: AT THE BRIDGE ON SIDE ROAD 15, TWP. OF MERSEA,

B - ICE CORRECTIONS

ABOUT 2 MILES EAST OF THE TOWN LEAMINGTON.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

HILLMAN CREEK NEAR LEAMINGTON - STATION NO. 02GH104

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	16.8 B	5.0 B	54.1	6.5	5.4	2.2	4.9	0.47	0.09	0.5	1.3	0.658	01
02	15.7 B	3.9 B	150.0	8.4	5.3	1.8	2.8	0.36	0.14	0.48	1.2	0.638	02
03	19.8 B	3.1 B	92.7	7.4	4.8	1.1	1.7	0.26	0.15	0.46	1.1	0.618	03
04	10.5 B	2.5 B	70.3	5.8	3.9	0.83	1.4	0.18	0.16	0.44	1.1	0.6 B	04
05	6.5 B	2.2 B	45.0	4.4	3.7	0.75	1.1	0.14	0.15	0.42	1.3	0.598	05
06	4.6 B	1.8 B	23.4	4.4	4.4	0.79	1.0	0.22	0.14	0.8	1.4	0.588	06
07	3.9 B	1.6 B	15.7	3.6	24.5	0.65	0.95	0.3	0.13	2.1	1.2	0.7 B	07
08	3.4 B	1.4 B	11.3	3.4	14.4	0.68	1.3	0.41	0.12	1.0	1.1	0.8 B	08
09	2.9 B	1.2 B	10.2	3.2	9.1	0.53	0.83	0.46	0.11	0.8	1.0	0.7 B	09
10	2.7 B	11.6	9.4	3.1	6.6	0.31	24.5	0.34	0.37	0.75	1.0	0.6 B	10
11	2.4 B	58.0	8.8	3.3	5.2	0.27	7.7	0.33	0.25	0.72	0.88	0.5 B	11
12	2.2 B	400.0	16.3	2.9	3.9	0.5	3.7	0.35	0.19	0.72	0.78	0.448 B	12
13	2.0 B	100.0	35.3	2.8	3.1	0.4	2.3	0.6	0.19	0.71	0.72	0.4 B	13
14	1.8 B	69.3	17.3	2.8	2.9	0.33	1.6	0.5	0.18	0.69	0.68	0.388 B	14
15	1.7 B	48.2	13.1	2.7	2.9	0.3	1.1	0.4	0.19	0.7	0.8	0.418 B	15
16	1.6 B	59.2	11.4	2.6	3.8	0.62	1.2	0.3	0.25	0.83	0.778	0.568	16
17	1.5 B	88.2	7.8	2.5	5.4	0.39	1.1	0.25	0.62	0.8	0.748	0.6 B	17
18	1.4 B	47.2	5.4	2.4	6.3	0.31	0.9	0.2	0.68	0.84	0.718	0.458 B	18
19	1.3 B	33.2	6.8	2.3	4.2	2.3	0.75	0.16	0.37	0.9	0.7 B	1.1 B	19
20	1.2 B	23.7	7.3	2.2	3.2	1.0	0.66	0.15	0.44	1.2	0.698	5.4 B	20
21	1.2 B	36.4	6.8	2.7	2.7	0.7	1.4	0.16	0.45	1.1	0.698	6.5 B	21
22	1.1 B	48.2	4.1	2.3	2.2	0.68	1.1	0.14	0.38	1.1	0.688	1.2 B	22
23	1.1 B	22.1	4.1	2.2	2.3	0.67	0.94	0.17	0.34	1.0	0.688	0.9 B	23
24	1.0 B	20.9	3.9	10.0	2.1	5.4	0.97	0.16	0.33	1.6	0.7 B	0.7 B	24
25	0.98 B	23.7	6.0	48.0	1.9	22.5	0.85	0.1	0.33	2.0	0.718	0.598	25
26	28.0 B	18.1	5.7	25.0	1.9	5.8	0.7	0.19	0.76	1.7	0.828	0.548 B	26
27	54.9 B	13.6	7.9	15.3	1.3	3.0	0.66	0.2	2.4	1.4	1.3 B	0.5 B	27
28	48.2 B	10.1	13.3	10.3	1.2	2.3	0.59	0.21	1.1	1.2	1.2 B	0.448 B	28
29	30.9 B	10.9	8.9	7.6	1.3	1.9	0.64	0.16	0.68	1.1	0.968	0.4 B	29
30	9.0 B	8.1	5.9	1.4	4.0	0.62	0.09	0.55	1.0	0.698	0.388 B	30	
31	6.4 B		5.8		2.6		0.55	0.13		1.2		0.368	31
TOTAL	284.68	1165.3	686.2	206.0	143.9	63.01	70.51	8.09	12.24	30.26	27.57	29.21	TOTAL
MEAN	9.18	40.18	22.13	6.86	4.64	2.1	2.27	0.26	0.4	0.97	0.91	0.94	MEAN
AC-FT	564.06	2311.37	1361.07	408.6	285.42	124.98	139.85	16.04	24.27	60.02	54.68	57.93	AC-FT
MAX	54.9	400.0	150.0	48.0	24.5	22.5	24.5	0.6	2.4	2.1	1.4	6.5	MAX
MIN	0.98	1.2	3.9	2.2	1.2	0.27	0.55	0.09	0.09	0.42	0.67	0.36	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 7.5 CFS

TOTAL DISCHARGE, 5410 AC-FT

MAXIMUM DAILY DISCHARGE, 400.0 CFS

MINIMUM DAILY DISCHARGE, 0.09 CFS

LOCATION: AT THE BRIDGE ON SIDE ROAD 15, TWP. OF MERSEA,

B - ICE CORRECTIONS

ABOUT 2 MILES EAST OF THE TOWN LEAMINGTON.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

HILLMAN CREEK NEAR LEAMINGTON - STATION NO. 02GH104

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.348	0.278	5.4 B	5.2	4.3	1.6	17.1	0.29	0.52				01
02	0.328	0.268	5.0 B	21.0	3.5	1.2	1.9	0.25	3.2				02
03	0.298	0.268	4.8 B	21.7	2.9	0.91	0.93	0.25	1.1				03
04	0.278	0.268	49.5	11.8	13.3	0.82	1.3	0.25	0.6				04
05	0.268	0.268	31.8	20.1	20.5	0.81	23.5	0.25	0.55				05
06	0.268	0.268	9.4	8.7 B	10.2	30.9	4.1	0.25	0.52				06
07	0.268	0.268	5.4	4.0 B	5.0	7.5	1.8	1.8	0.45				07
08	0.258	0.288	6.4	3.3 B	3.3	3.0	1.8	0.35	0.39				08
09	0.258	0.288	15.0	3.7 B	2.4	1.8	3.6	0.34	0.35				09
10	0.258	0.298	16.1	4.2	2.2	1.2	4.7	0.4					10
11	0.258	0.478	7.3	3.8	2.0	1.1	0.74	1.1	0.35				11
12	0.258	0.4 B	11.3	3.4	1.9	1.1	0.78	0.6	0.34				12
13	0.258	0.378	25.8	3.4	1.8	1.1	0.59	0.46	2.1				13
14	0.248	0.338	10.4	2.5	1.7	0.96	0.47	0.41	5.4				14
15	0.248	0.318	6.9	1.5	1.6	0.84	0.4	0.34	1.9				15
16	0.248	6.5 B	4.7	1.4	1.5	0.74	0.32	0.32	5.8				16
17	0.248	7.8 B	3.2 B	1.3	1.4	0.74	0.38	0.37	3.4				17
18	0.248	9.1 B	2.5 B	1.2	1.6	1.9	0.4	0.31	1.0				18
19	0.248	12.0 B	2.2 B	1.2	1.5	0.88	0.53	0.31	1.1				19
20	0.258	18.3 B	2.0 B	1.1	1.4	0.57	0.48	0.31	1.2				20
21	0.258	23.8 B	14.6 B	1.1	1.3	0.38	0.44	0.29	0.3				21
22	0.268	33.8 B	12.0 B	4.6	1.2	0.33	0.49	0.36	0.26				22
23	0.278	10.0 B	10.0 B	48.0	1.2	0.29	0.53	0.69	0.26				23
24	0.268	64.0 B	9.3 B	45.3	1.1	0.28	0.56	15.4	0.3				24
25	0.3 B	27.0 B	8.8 B	78.3	1.0	1.5	0.58	1.7	0.7				25
31	0.278		7.9		0.91		0.33	0.55					31
TOTAL	8.19	246.36	458.7	423.9	94.4	70.71	67.49	35.32	45.99				TOTAL
MEAN	0.26	8.79	14.79	14.13	3.04	2.35	2.17	1.13	1.76				MEAN
AC-FT	16.24	488.65	909.83	840.8	187.24	140.25	133.86	70.05	91.22				AC-FT
MAX	0.34	64.0	69.8	78.3	20.5	30.9	23.5	15.4	13.5				MAX
MIN	0.24	0.26	2.0	1.1	0.68	0.28	0.32	0.25	0.26				MIN

SUMMARY FOR THE YEAR 1977

CFS

TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 78.3 CFS
MINIMUM DAILY DISCHARGE, 0.24 CFSLOCATION: AT THE BRIDGE ON SIDE ROAD 15, TWP. OF MERSEA,
ABOUT 2 MILES EAST OF THE TOWN LEAMINGTON.B - ICE CORRECTIONS
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

NORTH CREEK NEAR SMITHVILLE - STATION NO. 02HA104

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				0.4	0.0	0.0	0.0	47.3	0.77	0.54	83.7	01	
02				0.36	0.0	0.0	0.0	20.2	0.47	0.56	33.7	02	
03				0.22	0.0	0.0	0.0	10.4	0.22	0.68	18.5	03	
04				0.64	0.0	0.0	0.0	6.5	0.09	1.1	9.7	04	
05				2.2	0.91	0.0	0.0	4.3	0.0	1.3	11.8	05	
06				11.1	5.2	0.0	0.0	2.8	0.0	1.3	65.3	06	
07				24.9	7.9	0.0	0.0	1.7	0.0	1.1	58.1	07	
08				12.8	10.1	0.0	0.0	1.0	0.0	1.2	26.0	08	
09				6.6	6.1	0.0	0.0	0.6	0.0	1.2	11.7	09	
10				4.1	3.1	0.0	11.1	0.27	0.0	19.2	23.1	10	
11				2.7	1.6	0.0	24.6	0.15	0.0	30.5	23.3	11	
12				1.7	7.4	0.0	3.8	0.28	0.0	22.0	18.3	12	
13				1.2	15.0	0.0	1.7	0.16	0.0	11.9	11.4	13	
14				0.87	23.0	0.0	1.2	0.0	0.0	7.4	24.7	14	
15			3.2	0.5	13.4	0.0	0.48	0.0	0.0	5.3	65.8	15	
16			2.8	0.23	7.0	0.0	0.0	0.13	0.0	4.0	51.2	16	
17			2.4	0.01	3.6	0.0	0.0	0.12	0.02	2.8	20.6	17	
18			2.0	0.0	1.7	0.0	0.0	0.85	8.4	2.3	11.6	18	
19			3.1	0.0	1.6	0.0	0.0	24.0	6.4	2.0	5.7	19	
20			2.8	0.0	7.5	0.0	0.0	27.3	74.4	1.6	3.3	20	
21			2.3	0.0	7.5	0.0	0.0	25.1	42.7	1.4	2.3	21	
22			1.9	0.0	8.2	0.0	0.0	14.1	21.8	1.4	1.8	22	
23			1.5	0.0	4.5	0.0	0.0	8.8	10.8	1.2	1.4	23	
24			1.4	0.0	2.0	0.0	0.0	28.6	6.0	1.1	1.2	24	
25			1.4	0.0	0.8	0.0	11.7	4.6	4.0	0.94	1.1	25	
26			1.1	0.0	0.17	0.0	4.6	3.5	2.9	0.83	1.0	26	
27			0.89	0.0	0.0	0.0	4.5	2.7	2.2	6.4	1.0	27	
28			0.76	0.0	0.0	0.0	1.8	2.0	1.5	18.6	1.0	28	
29			0.66	0.0	0.0	0.0	7.4	1.4	1.2	15.9	1.1	29	
30			0.51	0.0	0.0	0.0	109.0	1.0	0.96	24.0	4.4	30	
31			0.0		0.0	39.5		0.64		44.2		31	
TOTAL			28.72	70.53	138.28	0.0	249.98	217.26	185.67	189.75	636.0		TOTAL
MEAN			1.79	2.27	4.6	0.0	8.06	7.24	5.98	6.32	20.51		MEAN
AC-FT			56.96	139.89	274.27	0.0	495.83	430.93	368.27	376.36	1261.5		AC-FT
MAX			3.2	24.9	23.0	0.0	109.0	47.3	74.4	30.5	83.7		MAX
MIN			0.51	0.0	0.0	0.0	0.0	0.0	0.0	0.54	1.0		MIN

SUMMARY FOR THE YEAR 1975

CFS

TOTAL DISCHARGE, AC-FT
MAXIMUM DAILY DISCHARGE, 109.0 CFS
MINIMUM DAILY DISCHARGE, 0.0 CFSLOCATION: AT THE BRIDGE ON PATTERSON ROAD, TWP. OF WEST LINCOLN, 1.5 MILES SOUTHEAST OF SMITHVILLE.
TYPE OF GAUGE: CONTINUOUS RECORDING.
DRAINAGE AREA: 11.5 SQUARE MILES.B - ICE CORRECTIONS
E - ESTIMATED
REMARKS: NATURAL STREAMBED CONTROL.

NATURAL FLOW

NORTH CREEK NEAR SMITHVILLE - STATION NO. 02HA104
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

29

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	53.0 B	18.4 B	12.3	114.0	3.9	0.56	14.4	5.1	0.25	0.93	1.2	0.52	01
02	40.0 B	14.2 B	9.1	25.9	3.0	0.51	14.4	1.5	0.26	0.84	1.3	0.55	02
03	30.0 B	11.2 B	8.1	12.2	3.9	0.44	7.1	0.74	0.23	0.83	1.1	0.44	03
04	20.0 B	9.6 B	157.0	7.2	3.1	0.41	3.2	0.44	0.29	0.79	0.83	0.44	04
05	14.0 B	8.3 B	582.0	4.5	2.9	0.38	1.4	0.28	0.3	0.72	0.74	0.45	05
06	11.0 B	7.4 B	155.0	3.2	16.2	0.36	0.84	0.27	0.26	0.69	0.68	0.46	06
07	8.0 B	7.0 B	27.3 B	2.4	137.0	0.35	0.63	0.23	0.25	0.74	0.64	0.47	07
08	6.2 B	6.4 B	11.8 B	1.9	56.3	0.37	0.53	0.78	0.23	0.72	0.57	0.45	08
09	4.8 B	6.2 B	8.1 B	1.6	17.9	0.37	0.41	0.74	0.24	1.1	0.52	0.55	09
10	3.7 B	8.9 B	7.2 B	1.3	9.3	0.37	0.35	0.48	0.35	2.1	0.51	0.75	10
11	3.2 B	20.0 B	8.3 B	1.2	10.1	0.38	0.33	0.32	2.4	0.46	1.5	1.1	
12	2.8 B	80.0 B	13.8 B	0.93	25.6	0.37	0.25	0.31	1.7	0.44	0.99B	12	
13	2.3 B	120.0 B	67.5	0.83	14.5	0.34	0.18	0.4	0.33	1.4	0.39	0.7 B	13
14	2.1 B	150.0 B	14.0 B	0.79	6.8	0.33	0.18	0.36	0.34	1.4	0.37	0.67B	14
15	1.9 B	166.0 B	9.0 B	0.83	4.5	0.31	0.19	0.75	0.35	1.2	0.37	0.66	15
16	1.8 B	271.0	7.4 B	1.0	11.7	0.38	0.21	0.68	0.32	0.95	0.37	0.62	16
17	1.7 B	209.0	5.0 B	1.1	24.0	0.38	0.17	0.46	0.39	0.88	0.37	0.58	17
18	1.6 B	153.0	4.7 B	0.93	30.2	0.31	0.15	0.35	0.61	0.84	0.38	0.57	18
19	1.4 B	174.0	8.9	0.82	19.4	0.38	0.13	0.26	0.42	0.82	0.38	0.61	19
20	1.3 B	62.7	31.9	0.8	11.0	0.32	0.09	0.2	0.59	0.87	0.39	7.8	20
21	1.2 B	84.4	79.1	0.86	6.5	0.29	0.6	0.16	0.69	1.1	0.38	2.3 B	21
22	1.1 B	196.0	25.2 B	1.1	4.1	0.28	0.02	0.12	0.65	0.9	0.35	1.0 B	22
23	1.0 B	63.4	8.1 B	3.1	3.0	0.29	0.0	0.1	0.61	0.77	0.35	0.8 B	23
24	0.988	37.0	5.5 B	4.7	2.2	0.29	0.0	0.07	0.56	0.84	0.33	0.7 B	24
25	1.3 B	48.7	9.9	117.0 E	1.6	0.41	0.0	0.05	0.51	0.91	0.35	0.6 B	25
26	9.3 B	44.9	12.1	240.0 E	1.3	0.39	0.0	0.07	0.69	0.82	0.43	0.54B	26
27	50.0 B	29.0	15.5	53.5	1.0	0.35	0.0	0.12	1.9	0.69	0.6	0.5 B	27
28	53.8 B	18.5	23.5	19.3	0.84	0.31	0.0	0.17	1.3	0.56	0.72	0.46B	28
29	43.0 B	13.4	10.4	9.7	0.72	3.3	0.3	0.2	1.2	0.49	0.69	0.45B	29
30	33.0 B	6.7	5.8	0.63	11.1	0.24	0.21	1.1	0.45	0.56	0.43B	30	
31	24.6 B		57.0		0.6		5.3	0.22	0.74		0.4 B	31	
TOTAL	430.08	2038.6	1401.4	678.49	433.79	24.63	51.6	16.21	15.85	30.19	16.77	28.36	TOTAL
MEAN	13.87	70.29	45.2	22.61	13.99	0.82	1.66	0.52	0.97	0.55	0.91	MEAN	
AC-FT	853.06	4043.56	2779.67	1345.78	860.42	48.85	102.34	32.15	31.43	59.88	33.26	56.25	AC-FT
MAX	53.8	271.0	582.0	280.0	137.0	11.1	14.4	5.1	1.9	2.4	1.3	7.8	MAX
MIN	0.98	6.2	4.7	0.79	0.6	0.28	0.0	0.05	0.23	0.45	0.33	0.4	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 14.1 CFS

TOTAL DISCHARGE, 10200 AC-FT

MAXIMUM DAILY DISCHARGE, 582.0 CFS

MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON PATTERSON ROAD, TWP OF WEST LINCOLN, 1.5 MILES SOUTHEAST OF SMITHVILLE.

B - ICE CORRECTIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 11.5 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

NORTH CREEK NEAR SMITHVILLE - STATION NO. 02HA104

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.368	0.0 B	15.6 B	8.6	0.7	8.5	0.23	0.0	0.17	123.0	0.97	91.7	01
02	0.258	0.0 B	8.1 B	5.2	0.51	1.4	0.07	0.0	0.19	178.0	0.92	67.8	02
03	0.2 B	0.0 B	3.9 B	16.6	0.35	0.37	0.0	0.0	0.34	86.3	0.88	20.8 B	03
04	0.1 B	0.0 B	16.8 B	10.6	0.29	0.13	0.0	0.0	0.13	37.2	0.86	9.4 B	04
05	0.0 B	0.0 B	64.0 B	31.6	0.31	0.01	0.0	0.0	1.2	20.4	0.82	4.6 B	05
06	0.0 B	0.0 B	42.0 B	15.9	0.38	0.09	1.9	0.0	7.3	13.4	0.74	2.9 B	06
07	0.0 B	0.0 B	33.9 B	6.1	0.31	0.12	33.0	0.0	4.4	9.5	1.5	2.3 B	07
08	0.0 B	0.0 B	39.9 B	5.0	0.23	0.01	64.3	0.07	15.5	17.1	6.6	2.1 B	08
09	0.0 B	0.0 B	106.0 B	5.3	0.12	0.0	59.2	0.09	24.6	84.6	7.7	2.5	09
10	0.0 B	0.0 B	137.0	4.2	0.03	0.0	31.5	0.2	57.8	68.5	20.8	3.2	10
11	0.0 B	0.0 B	63.3	2.7	0.0	0.0	18.4	0.13	103.0	30.0	31.4	3.5	11
12	0.0 B	0.0 B	43.8	1.6	0.0	0.0	12.2	0.12	143.0	17.7	19.9	3.2	12
13	0.0 B	0.0 B	223.0	1.0	0.0	0.0	8.1	0.14	64.0	11.8	11.6	3.8	13
14	0.0 B	0.0 B	53.7	0.71	0.0	0.0	4.5	0.15	32.8	8.9	7.8	182.0	14
15	0.0 B	0.0 B	21.7	0.5	0.0	0.0	2.3	0.11	20.1	6.9	6.0	472.0	15
16	0.0 B	0.0 B	13.8	0.36	0.0	0.0	1.3	0.13	69.6	5.3	7.5	190.0	16
17	0.0 B	0.0 B	7.4	0.26	0.0	0.0	0.84	0.32	186.0	4.2	41.0	128.0	17
18	0.0 B	0.0 B	4.3	0.18	0.0	0.0	0.57	0.15	338.0	3.5	35.5	103.0	18
19	0.0 B	0.0 B	1.2	0.13	0.0	0.0	0.35	0.09	189.0	3.1	18.6	166.0	19
20	0.0 B	0.0 B	2.4	0.1	0.0	0.0	0.21	0.1	59.6	2.8	11.4	98.0	20
21	0.0 B	0.0 B	3.8	0.07	0.0	0.0	0.09	0.13	64.1	2.5	9.1	102.0	21
22	0.0 B	0.0 B	12.0	0.44	0.0	0.0	0.02	0.28	33.0	2.4	7.5	59.5 B	22
23	0.0 B	0.3 B	11.6	77.7	0.0	0.0	0.0	0.17	20.2	2.2	7.5	34.3 B	23
24	0.0 B	0.78B	21.1	104.0	0.0	0.0	0.0	0.27	65.8	1.8	13.3	23.9 B	24
25	0.0 B	2.0 B	17.4	31.9	0.0	8.9	0.0	0.26	188.0	1.6	9.8	169.0 B	25
26	0.0 B	8.0 B	18.0	14.6	0.0	8.0	0.0	0.23	331.0	1.5	7.8 B	37.8 B	26
27	0.0 B	15.4 B	20.7	7.3	0.0	2.3	0.0	0.23	191.0	1.3	6.8 B	18.0 B	27
28	0.0 B	22.5 B	30.3	3.7	0.0	0.86	0.0	0.21	60.0	1.2	6.4 B	11.0 B	28
29	0.0 B	42.1	1.9	0.0	0.59	0.0	0.2	28.9	1.2	5.7 B	7.4 B	29	
30	0.0 B	15.6	1.1	0.0	0.35	0.0	0.2	18.3	1.1	6.7 B	4.1 B	30	
31	0.0 B		12.0		0.05		0.0	0.19		1.0		2.7 B	31
TOTAL	0.95	48.98	1106.4	359.35	3.28	31.63	239.08	4.17	2317.03	750.0	313.09	2026.5	TOTAL
MEAN	0.03	1.74	35.69	11.97	0.1	1.05	7.71	0.13	77.23	24.19	10.43	65.37	MEAN
AC-FT	1.88	97.15	2194.54	712.77	6.5	62.73	474.21	8.27	4595.82	1487.62	621.01	4019.56	AC-FT
MAX	0.36	42.5	223.0	104.0	0.7	8.9	64.3	0.32	338.0	178.0	41.0	472.0	MAX
MIN	0.0	0.0	1.2	0.07	0.0	0.0	0.0	0.0	0.13	1.0	0.74	2.1	MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 19.7 CFS

TOTAL DISCHARGE, 14300 AC-FT

MAXIMUM DAILY DISCHARGE, 472.0 CFS

MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON PATTERSON ROAD, TWP OF WEST LINCOLN, 1.5 MILES SOUTHEAST OF SMITHVILLE.

B - ICE CORRECTIONS
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 11.5 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

SALT CREEK AT CASTLEMORE - STATION NO. 02HC115
 DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01								0.0	0.0	0.0	0.0	0.0	01
02								0.0	0.0	0.0	0.0	0.0	02
03								0.0	0.0	0.0	0.0	0.0	03
04								0.0	0.0	0.0	0.0	0.0	04
05								0.0	0.0	0.0	0.0	0.0	05
06								0.0	0.0	0.0	0.0	0.0	06
07								0.0	0.0	0.0	0.0	0.0	07
08								0.0	0.0	0.0	0.0	0.0	08
09								0.0	0.0	0.0	0.0	0.0	09
10								0.0	0.0	0.0	0.0	0.0	10
11								0.0	0.0	0.0	0.0	0.0	11
12								0.0	0.0	0.0	0.0	0.0	12
13								0.0	0.0	0.0	0.0	0.0	13
14								0.0	0.0	0.0	0.0	0.0	14
15								0.0	0.0	0.0	0.0	0.0	15
16								0.0	0.0	0.0	0.0	0.0	16
17								0.0	0.0	0.0	0.0	0.0	17
18								0.0	0.0	0.0	0.0	0.0	18
19								0.0	0.0	0.0	0.0	0.0	19
20								0.0	0.0	0.0	0.0	0.0	20
21								0.0	0.0	0.0	0.0	0.0	21
22								0.0	0.0	0.0	0.0	0.0	22
23								0.0	0.0	0.0	0.0	0.0	23
24								0.0	0.0	0.0	0.0	0.0	24
25								0.0	0.0	0.0	0.0	0.0	25
26								0.0	0.0	0.0	0.0	0.0	26
27								0.0	0.0	0.0	0.0	0.0	27
28								0.0	0.0	0.0	0.0	0.0	28
29								0.0	0.0	0.0	0.0	0.0	29
30								0.0	0.0	0.0	0.0	0.0	30
31								0.0	0.0	0.0	0.0	0.0	31
TOTAL								0.0	0.0	0.0	0.0	0.0	TOTAL
MEAN													MEAN
AC-FT													AC-FT
MAX													MAX
MIN													MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 0.0 CFS
 TOTAL DISCHARGE, AC-FT
 MAXIMUM DAILY DISCHARGE, 0.0 CFS
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE SECOND BRIDGE SOUTH OF REGIONAL ROAD NO. 14, CONC. 2 LOT 12, TWP OF TORONTO GORE.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 9 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS
 E - ESTIMATED

NATURAL FLOW

SALT CREEK AT CASTLEMORE - STATION NO. 02HC115

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.0 B	0.048	12.5 E	54.4	3.3	1.6	0.0 E	1.7	0.0	0.0	0.16	0.2 B	01
02	0.0 B	0.0 B	9.4 E	17.1	2.9	2.1	0.0 E	2.3	0.0	0.0	0.15	0.0 B	02
03	0.0 B	0.0 B	9.0 E	6.9	2.8	2.1	0.0 E	1.7	0.0	0.0	0.1	0.0 B	03
04	0.0 B	0.0 B	7.9 E	4.6	2.5	1.4	0.0 E	0.94	0.0	0.0	0.14	0.0 B	04
05	0.0 B	0.0 B	17.0 E	3.6	2.0	1.2	0.0 E	0.55	0.0	0.0	0.13	0.0 B	05
06	0.0 B	0.0 B	190.0 E	3.0	2.4	0.85	0.0 E	0.22	0.0	0.0	0.1	0.0 B	06
07	0.0 B	0.0 B	40.0 E	2.6	70.1	0.5	0.93	0.0	0.0	0.0	0.04	0.0 B	07
08	0.0 B	0.0 B	18.0 E	2.3	17.3	0.08	0.64	0.19	0.0	0.0	0.0	0.0 B	08
09	0.0 B	0.0 B	10.5 E	2.0	6.7	0.0	0.39	0.19	0.0	0.0	0.0	0.0 B	09
10	0.0 B	0.0 B	6.8 E	1.9	4.1	0.0	0.26	0.02	0.0	0.0	0.0	0.0 B	10
11	0.0 B	0.0 B	5.0 E	1.7	3.6	0.0	0.04	0.0	0.0	0.05	0.0 B	0.0 B	11
12	0.0 B	0.0 B	4.5 E	1.5	3.9	0.0	0.0	0.0	0.0	0.34	0.0 B	0.0 B	12
13	0.0 B	0.0 B	120.0 E	1.4	3.2	0.0	0.0	0.0	0.0	0.29	0.0 B	0.0 B	13
14	0.0 B	0.0 B	31.0 E	1.3	2.4	0.0	0.0	0.0	0.0	0.17	0.0 B	0.0 B	14
15	0.0 B	17.2 B	15.0 E	1.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0 B	0.0 B	15
16	0.0 B	159.0 B	11.0 E	2.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0 B	0.0 B	16
17	0.0 B	85.2 B	7.2 E	2.1	7.8	0.0	0.0	0.0	0.0	0.0	0.0 B	0.0 B	17
18	0.0 B	80.0 B	4.3 E	1.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0 B	0.0 B	18
19	0.0 B	72.0 B	4.4 E	1.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0 B	0.0 B	19
20	0.0 B	68.3 B	345.0	0.81	2.5	0.0	0.0	0.0	0.0	0.05	0.0 B	0.0 B	20
21	0.0 S	67.4 B	104.0	0.74	2.1	0.0	0.0	0.0	0.0	1.6	0.0 B	0.0 B	21
22	0.0 B	256.0 B	13.1	0.89	1.8	0.0	0.0	0.0	0.0	2.7	0.0 B	0.0 B	22
23	0.0 B	100.0 B	9.6	0.83	1.4	0.0	0.0	0.0	0.0	2.4	0.0 B	0.0 B	23
24	0.0 B	17.5 B	8.9	0.75	1.2	0.0	0.0	0.0	0.0	2.2	0.048	0.0 B	24
25	0.0 B	139.0 B	10.5	5.4	1.1	0.0	0.0	0.0	0.0	1.9	0.088	0.0 B	25
26	0.0 B	149.0 B	6.7	22.1	1.1	0.0	0.0	0.0	0.0	1.4	0.2 B	0.0 B	26
27	2.9 B	85.2	7.5	38.5	0.91	0.0	0.0	0.0	0.0	0.87	0.44B	0.0 B	27
28	13.5 B	33.5	10.6	19.3	0.73	0.0	0.0	0.0	0.0	0.6	0.58B	0.0 B	28
29	0.6 B	22.0 E	4.7	7.5	0.64	0.0	0.0	0.0	0.0	0.41	1.5 B	0.0 B	29
30	0.3 B	4.0	4.3	0.55	0.0	0.0	0.0	0.0	0.0	0.26	1.0 B	0.0 B	30
31	0.1 B	31.7		0.89		0.09	0.0			0.23		0.0 B	31
TOTAL	17.4	1353.54	1079.8	213.72	167.12	9.83	2.35	7.81	0.0	15.47	4.66	2.4	TOTAL
MEAN	0.56	46.67	34.83	7.12	5.39	0.32	0.07	0.25	0.0	0.49	0.15	0.07	MEAN
AC-FT	34.51	2684.74	2141.78	423.91	331.48	19.49	4.66	15.49	0.0	30.68	9.24	4.76	AC-FT
MAX	13.5	256.0	345.0	54.4	70.1	2.1	0.93	2.3	0.0	2.7	1.5	2.2	MAX
MIN	0.0	0.0	4.0	0.74	0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MIN

SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 7.9 CFS
 TOTAL DISCHARGE, 5700 AC-FT
 MAXIMUM DAILY DISCHARGE, 345.0 CFS
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE SECOND BRIDGE SOUTH OF REGIONAL ROAD NO. 14, CONC. 2 LOT 12, TWP OF TORONTO GORE.
 TYPE OF GAUGE: CONTINUOUS RECORDING.
 DRAINAGE AREA: 9 SQUARE MILES.
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS
 E - ESTIMATED

NATURAL FLOW

SALT CREEK AT CASTLEMORE - STATION NO. 02HC115
 DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

31

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.0 B	0.0 B	5.6 B	6.4	3.3								01
02	0.0 B	0.0 B	3.7 B	5.8	3.0								02
03	0.0 B	0.0 B	3.4 B	12.8	2.5								03
04	0.0 B	0.0 B	17.0 B	6.6	2.2								04
05	0.0 B	0.0 B	93.0 B	30.6	2.1								05
06	0.0 B	0.0 B	40.0 B	9.6	1.9								06
07	0.0 B	0.0 B	20.0 B	2.3 E	1.4								07
08	0.0 B	0.0 B	15.4	1.5 E	1.1								08
09	0.0 B	0.0 B	23.7	0.3 E	0.93								09
10	0.0 B	0.0 B	29.1	0.28E	0.76								10
11	0.0 B	0.0 B	20.0	0.24E	0.61								11
12	0.0 B	0.0 B	76.1	0.23E	0.51								12
13	0.0 B	2.3 B	196.0	0.25E	0.34								13
14	0.0 B	5.3 B	30.0 E	0.27E	0.27								14
15	0.0 B	4.2 B	15.0 E	0.3 E	0.04								15
16	0.0 B	2.6 B	6.0 E	0.38E	0.0								16
17	0.0 B	2.0 B	3.0 E	0.6 E	0.0								17
18	0.0 B	1.4 B	1.4 E	0.65E	0.0								18
19	0.0 B	1.2 B	1.0 E	1.1 E	0.0								19
20	0.0 B	1.0 B	0.76E	1.4 E	0.0								20
21	0.0 B	0.79B	0.76E	2.5	0.0								21
22	0.0 B	0.65B	0.79E	2.9	0.0								22
23	0.0 B	0.66B	1.2 E	9.0	0.0								23
24	0.0 B	2.1 B	0.76E	15.7	0.0								24
25	0.0 B	7.6 B	4.0 E	9.3	0.0								25
26	0.0 B	5.0 B	0.75E	7.2	0.0								26
27	0.0 B	6.2 B	0.67E	5.9	0.0								27
28	0.0 B	7.6 B	1.6 E	4.9	0.0								28
29	0.0 B		39.7	4.2	0.0								29
30	0.0 B		12.7	3.8	0.0								30
31	0.0 B		9.3	0.0									31
TOTAL	0.0	50.6	672.39	147.0	20.96								TOTAL
MEAN	0.0	1.8	21.69	4.9	0.67								MEAN
AC-FT	0.0	100.36	1333.68	291.57	41.57								AC-FT
MAX	0.0	7.6	196.0	30.6	3.3								MAX
MIN	0.0	0.0	0.67	0.23	0.0								MIN

SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 196.0 CFS

MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE SECOND BRIDGE SOUTH OF REGIONAL ROAD NO. 14, CONC. 2 LOT 12, TWP OF TORONTO GORE.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 9 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CORRECTIONS

E - ESTIMATED

NATURAL FLOW

WILTON CREEK AT STORMS CORNERS - STATION NO. 02HM102

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01									0.48	12.0	6.8 E	76.3	01	
02									0.53	9.9	7.5 E	86.9	02	
03									0.29	8.7	7.8 E	86.9	03	
04									0.28	7.8	9.4	87.5	04	
05									0.28	7.0	8.6	73.5	05	
06									0.33	6.3	8.2	68.6	06	
07									0.35	5.1	8.1	116.0	07	
08									0.17	0.28	4.5	10.1	08	
09									0.18	0.24	4.2	14.2	09	
10									0.16	0.2	4.0	27.0	10	
11									0.19	0.32	4.1	61.9	11	
12									0.15	1.9	4.1	72.9	12	
13									0.17	1.5	4.3	71.2	13	
14									0.2	1.2	4.6	62.6	14	
15									0.16	0.99	5.0	50.1	15	
16									0.22	1.0	5.1	40.8	16	
17									0.22	1.0	5.0	367.0	17	
18									0.14	1.2	7.9	289.0	18	
19									0.1	2.3	9.3	24.9	19	
20									0.11	2.1	11.3	20.1	20	
21									0.12	1.9	12.5	18.5	21	
22									0.12	1.9	12.4	18.4	22	
23									0.09	2.0	12.0	10.0	23	
24									0.18	2.2	10.4	14.6	24	
25									0.2	2.7	9.7	13.8	25	
26									0.21	14.0	9.0	10.9	26	
27									0.24	23.3 E	8.3	13.2	27	
28									0.22	25.4 E	7.9	26.0	28	
29									0.27	21.9 E	8.0	24.6	29	
30									0.57	17.3	7.5	29.5	30	
31									0.45		7.0		31	
TOTAL									4.84	129.37	234.9	760.0	2884.9	TOTAL
MEAN									0.2	4.31	7.57	25.33	131.13	MEAN
AC-FT									9.6	256.6	465.92	1507.46	5722.19	AC-FT
MAX									0.57	25.4	12.5	72.4	367.0	MAX
MIN									0.09	0.2	4.0	6.8	27.0	MIN

SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 41.7 CFS

MINIMUM DAILY DISCHARGE, 0.09 CFS

LOCATION: AT THE FIRST BRIDGE NORTH OF THE COMMUNITY OF STORMS CORNERS, TWP OF ERNESTON.

TYPE OF GAUGE: CONTINUOUS RECORDING

DRAINAGE AREA: 41.7 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW



